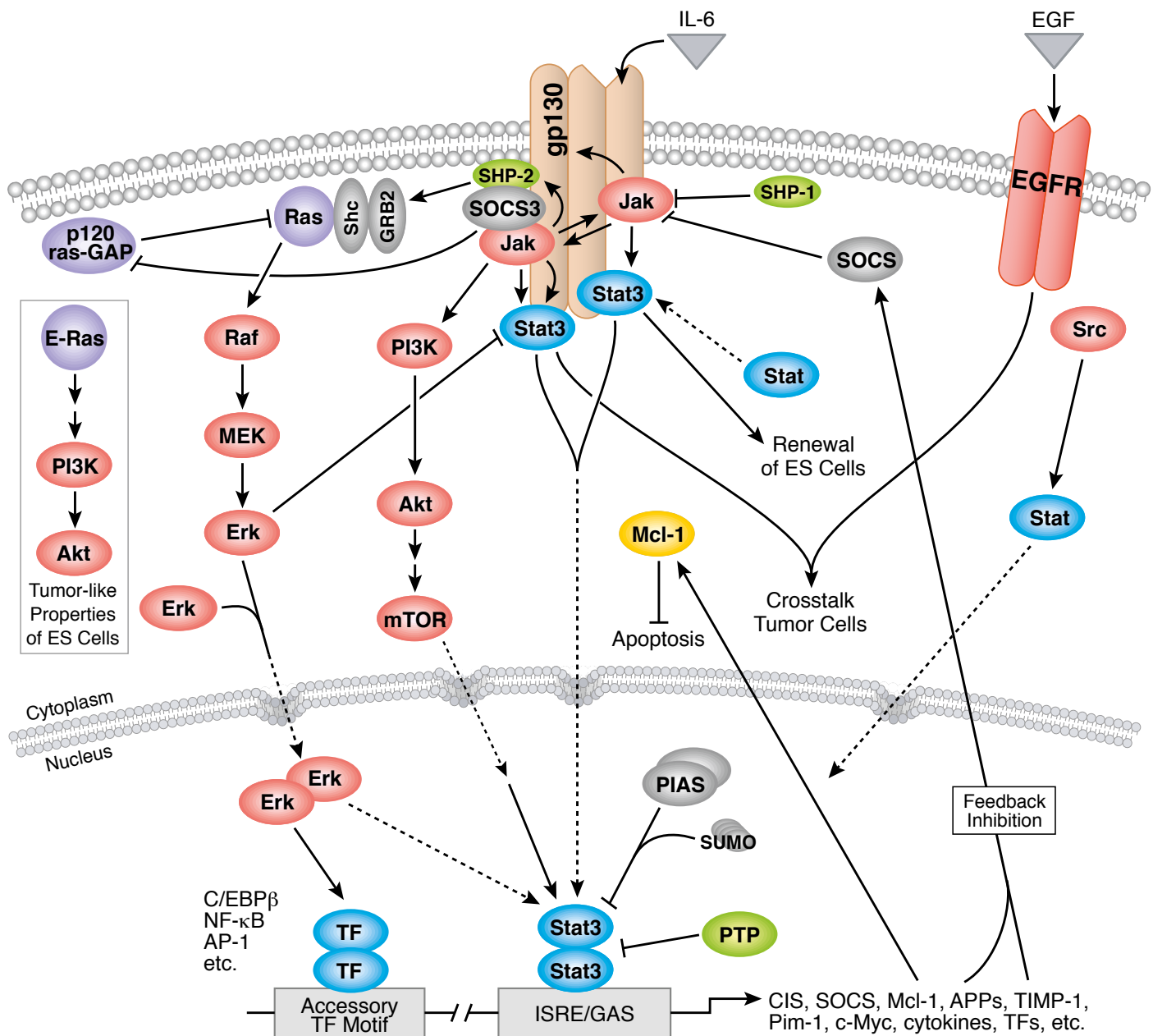


# Jak/Stat: IL-6 Receptor Signaling



# Key Products for Jak/Stat: IL-6 Receptor Signaling

Visit [www.cellsignal.com/jakstat](http://www.cellsignal.com/jakstat) for full listing of antibodies, related kits, and reagents.

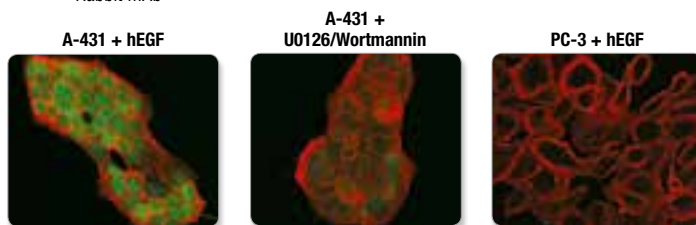
## ANTIBODIES

|                                                                                 | APPLICATIONS                       | REACTIVITY                           |
|---------------------------------------------------------------------------------|------------------------------------|--------------------------------------|
| #8731 CISH (D4D9) Rabbit mAb                                                    | H, M                               | WB, IP, IF-IC, F                     |
| #3344 Jak1 (6G4) Rabbit mAb                                                     | H, M, R, (Dg, Pg)                  | WB, IHC-P                            |
| #3331 Phospho-Jak1 (Tyr1022/1023) Antibody                                      | H, M, (R, B)                       | WB                                   |
| #3230 Jak2 (D2E12) XP® Rabbit mAb                                               | H, M, R, (Hm, C, X, B, Dg, Pg, HR) | WB, IP, IHC-P, IF-IC, F              |
| #4406 Phospho-Jak2 (Tyr1007) (D15E2) Rabbit mAb                                 | H, M, (R, B)                       | WB                                   |
| #3776 Phospho-Jak2 (Tyr1007/1008) (C80C3) Rabbit mAb                            | H, M, R, (B)                       | WB                                   |
| #8082 Phospho-Jak2 (Tyr1008) (D4A8) Rabbit mAb                                  | H, M, (R, X, B, Pg)                | WB, F                                |
| #3774 Phospho-Jak2 (Tyr221) Antibody                                            | H, M, (R)                          | WB                                   |
| #8827 Jak3 (D1H3) Rabbit mAb                                                    | H                                  | WB, IP, IF-IC                        |
| #5481 Jak3 (5H2) Mouse mAb                                                      | H                                  | WB                                   |
| #5031 Phospho-Jak3 (Tyr980/981) (D44E3) Rabbit mAb                              | H, M                               | WB                                   |
| #3550 PIAS1 (D33A7) XP® Rabbit mAb                                              | H, M, R, Mk                        | WB, IF-IC, F                         |
| #9042 PIAS3 (D5F9) XP® Rabbit mAb                                               | H                                  | WB, IP, IF-IC                        |
| #4392 PIAS4 (D2F12) Rabbit mAb                                                  | H, R, Mk, (M)                      | WB                                   |
| #3950 SOCS1 (A156) Antibody                                                     | H, M, R, Mk, (Dg)                  | WB                                   |
| #2779 SOCS2 Antibody                                                            | H, M, R                            | WB, IP                               |
| #14994 Stat1 (D1K9Y) Rabbit mAb                                                 | H, M, R, Mk                        | WB, IP, IHC-P, IF-IC, F, ChIP        |
| #9176 Stat1 (9H2) Mouse mAb                                                     | H, (B)                             | WB, IP                               |
| #9172 Stat1 Antibody                                                            | H, M, R, Mk, (B, Dg)               | WB, IP, ChIP                         |
| #8826 Phospho-Stat1 (Ser727) (D3B7) Rabbit mAb                                  | H, M, R, Mk, (B)                   | WB, IP, IHC-P, ChIP                  |
| #7649 Phospho-Stat1 (Tyr701) (D4A7) Rabbit mAb                                  | H, M, R                            | WB, IP, IF-IC, F, ChIP               |
| #9167 Phospho-Stat1 (Tyr701) (58D6) Rabbit mAb                                  | H, M                               | WB, IP, IHC-P, IF-IC, F, ChIP        |
| #7234 PathScan® Phospho-Stat1 (Tyr701) Sandwich ELISA Kit                       | H                                  |                                      |
| #72604 Stat2 (D9J7L) Rabbit mAb                                                 | H, M                               | WB, IP, IF-IC, F, ChIP               |
| #88410 Phospho-Stat2 (Tyr690) (D3P2P) Rabbit mAb                                | H, R                               | WB, IF-IC, F                         |
| #12640 Stat3 (D3Z2G) Rabbit mAb                                                 | H, M, R, Mk, (B, Pg)               | WB, IP, IF-IC, F, ChIP               |
| #4904 Stat3 (79D7) Rabbit mAb                                                   | H, M, R, Mk                        | WB, IP, ChIP                         |
| #9139 Stat3 (124H6) Mouse mAb                                                   | H, M, R, Mk                        | WB, IP, IHC-P, IF-IC, F, ChIP        |
| #7305 PathScan® Total Stat3 Sandwich ELISA Kit                                  | H, M, R, Mk                        |                                      |
| #8768 Stat3α (D1A5) XP® Rabbit mAb                                              | H, M, R, Hm, Mk, (Pg)              | WB, IP, IHC-P, IF-IC, ChIP           |
| #94994 Phospho-Stat3 (Ser727) (D8CZ2) XP® Rabbit mAb                            | H, M, R                            | WB, IP, IF-IC, F                     |
| #34911 Phospho-Stat3 (Ser727) (D4X3C) Rabbit mAb                                | H, M, R                            | ChIP                                 |
| #9136 Phospho-Stat3 (Ser727) (6E4) Mouse mAb                                    | H, M                               | WB                                   |
| #9134 Phospho-Stat3 (Ser727) Antibody                                           | H, M, R, (Hm, B, Dg, Pg, HR)       | WB, IP, ChIP                         |
| #9145 Phospho-Stat3 (Tyr705) (D3A7) XP® Rabbit mAb                              | H, M, R, Mk, (Hm, B, Pg, HR)       | WB, IP, IHC-P, IHC-F, IF-IC, F, ChIP |
| #4324 Phospho-Stat3 (Tyr705) (D3A7) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate) | H, M, R, Mk, (Hm, B, Pg, HR)       | F                                    |
| #4113 Phospho-Stat3 (Tyr705) (M9C6) Mouse mAb                                   | H, M, R, Mk                        | WB, IP, IHC-P, IF-IC, F              |

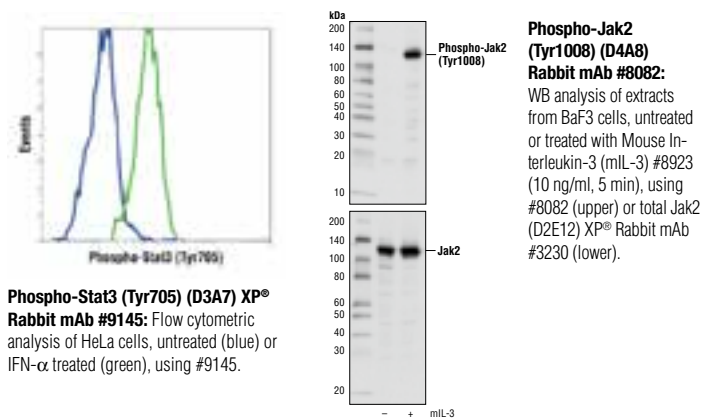
|                                                           |                         |              |
|-----------------------------------------------------------|-------------------------|--------------|
| #9131 Phospho-Stat3 (Tyr705) Antibody                     | H, M, R, Mk, (C, B, Dg) | WB, IP, ChIP |
| #7300 PathScan® Phospho-Stat3 (Tyr705) Sandwich ELISA Kit | H, M, R, Mk             |              |

## ANTIBODIES

|                                                                              | APPLICATIONS         | REACTIVITY             |
|------------------------------------------------------------------------------|----------------------|------------------------|
| #2523 Acetyl-Stat3 (Lys685) Antibody                                         | H (M, R)             | WB                     |
| #2653 Stat4 (C46B10) Rabbit mAb                                              | H, M, R,             | WB, ChIP               |
| #5097 Stat4 (2A2) Mouse mAb                                                  | H                    | WB, IP                 |
| #4134 Phospho-Stat4 (Tyr693) (D2E4) Rabbit mAb                               | H (M, R, Pg)         | WB, IP, IF-IC, F, ChIP |
| #7113 PathScan® Phospho-Stat5 (Tyr694) Sandwich ELISA Kit                    | H                    |                        |
| #94205 Stat5 (D206Y) Rabbit mAb                                              | H, M, R              | WB, ChIP, IP           |
| #25656 Stat5 (D3N2B) Rabbit mAb                                              | H                    | WB, IP, IHC-P, IF-IC   |
| #4807 Stat5a (4H1) Mouse mAb                                                 | H                    | WB, IP, F              |
| #4322 Phospho-Stat5 (Tyr694) (D47E7) XP® Rabbit mAb                          | H, M, (R, B)         | WB, IF-IC, F           |
| #9359 Phospho-Stat5 (Tyr694) (C11C5) Rabbit mAb                              | H, M, (R, B)         | WB, IP, IHC-P, F       |
| #9314 Phospho-Stat5 (Tyr694) (C71E5) Rabbit mAb                              | H, M, (R, B)         | WB, IHC-P, IF-IC, F    |
| #3939 Phospho-Stat5 (Tyr694) (C71E5) Rabbit mAb (Alexa Fluor® 488 Conjugate) | H, M, (R, B)         | F                      |
| #9356 Phospho-Stat5 (Tyr694) (14H2) Mouse mAb                                | H, M, (R)            | WB, IP                 |
| #9351 Phospho-Stat5 (Tyr694) Antibody                                        | H, M, (R, B)         | WB, F, ChIP            |
| #5397 Stat6 (D3H4) Rabbit mAb                                                | H, M, R, (B, Dg, Pg) | WB, IP, ChIP           |
| #9364 Phospho-Stat6 (Tyr641) (C11A12) Rabbit mAb                             | H                    | WB                     |
| #9361 Phospho-Stat6 (Tyr641) Antibody                                        | H, (B)               | WB, IP, IF-IC, F       |
| #14193 Tyk2 (D415T) Rabbit mAb                                               | H, Mk                | WB, IP                 |
| #68790 Phospho-Tyk2 (Tyr1054/1055) (D7T8A) Rabbit mAb                        | H (M, R)             | WB                     |



**Phospho-Stat3 (Ser727) (D8CZ2) XP® Rabbit mAb #94994:** Confocal IF analysis of A-431 (left, center; positive) and PC-3 (right; negative) cells, serum-starved and treated with Human Epidermal Growth Factor (hEGF) #8916 (100 ng/mL, 30 minutes; left, right) or Wortmannin #9915 (1 μM) and U0126 #9903 (10 μM, 1.5 hours; center) using #94994 (green) and β-Actin (8H10D10) Mouse mAb #3700 (red).



**Phospho-Stat3 (Tyr705) (D3A7) XP® Rabbit mAb #9145:** Flow cytometric analysis of HeLa cells, untreated (blue) or IFN-α treated (green), using #9145. **Phospho-Jak2 (Tyr1008) (D4A8) Rabbit mAb #8082:** WB analysis of extracts from Baf3 cells, untreated or treated with Mouse Interleukin-3 (mIL-3) #8923 (10 ng/mL, 5 min), using #8082 (upper) or total Jak2 (D2E12) XP® Rabbit mAb #3230 (lower).

**APPLICATIONS & REACTIVITY KEY:** WB Western Blotting / IP Immunoprecipitation / IHC Immunohistochemistry / IF Immunofluorescence / F Flow Cytometry / ChIP Chromatin Immunoprecipitation / -IC Immunocytochemistry / -P Paraffin / -F Frozen / E-P Peptide ELISA / H human / M mouse / R rat / Hm hamster / Mk monkey / C chicken / Mi mink / Dm d. melanogaster / X Xenopus / Z zebra fish / B bovine / Dg dog / Pg pig / Sc S. cerevisiae / All all species expected / ( ) 100% sequence homology

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