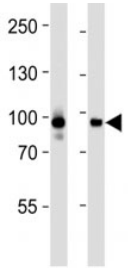
# STAT3 Antibody [clone 1200CT146.104.153] (F52478)

| Catalog No. | Formulation | Size |
|---|---|---|
| F52478-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F52478-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Predicted Reactivity** | Mouse, Rat, Pig |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG2a, k |
| **Clone Name** | 1200CT146.104.153 |
| **Purity** | Purified |
| **UniProt** | P40763 |
| **Applications** | Western blot: 1:1000 |
| **Limitations** | This STAT3 antibody is available for research use only. |




Western blot analysis of lysate from CEM, HeLa cell line (left to right) using STAT3 antibody at 1:1000 for each lane.

## Description

Signal transducer and transcription activator that mediates cellular responses to interleukins, KITLG/SCF and other growth factors. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the interleukin-6 (IL-6)- responsive elements identified in the promoters of various acute- phase protein genes. Activated by IL31 through IL31RA. Cytoplasmic STAT3 represses macroautophagy by inhibiting EIF2AK2/PKR activity. Plays an

important role in host defense in methicillin-resistant S.aureus lung infection by regulating the expression of the antimicrobial lectin REG3G (By similarity).

## Application Notes

Titration of the STAT3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This STAT3 antibody was produced from a mouse immunized with a recombinant protein from human.

## Storage

Aliquot the STAT3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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