

# STAT3 Monoclonal Antibody

Catalog Number: E-AB-22119



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

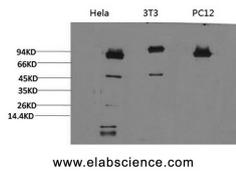
## Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human, Mouse, Rat   |
| <b>Immunogen</b>    | Recombinant Protein   |
| <b>Host</b>         | Mouse   |
| <b>Isotype</b>      | IgG   |
| <b>Clone</b>        | Clone: 4E3  |
| <b>Purification</b> | Protein A purification  |
| <b>Conjugation</b>  | Unconjugated  |
| <b>Formulation</b>  | PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH 7.4 |

## Applications Recommended Dilution

|            |             |
|------------|-------------|
| <b>WB</b>  | 1:1000-2000 |
| <b>IHC</b> | 1:100-200   |

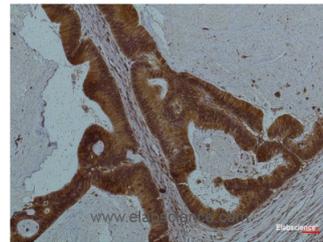
## Data



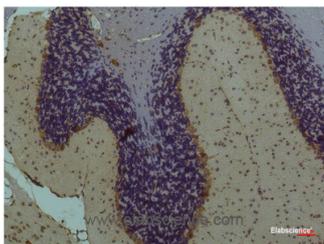
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Western Blot analysis of 1) HeLa, 2) 3T3, 3) PC-12 cells using STAT3 Monoclonal Antibody at dilution of 1:2000.

**Observed Mw: 79,86kDa**



Immunohistochemistry of paraffin-embedded Human colon carcinoma tissue using STAT3 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Mouse brain tissue using STAT3 Monoclonal Antibody at dilution of 1:200.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Signal transducer and transcription activator that mediates cellular responses to interleukins, KITLG/SCF, LEP and other

## For Research Use Only

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growth factors. Once activated, recruits coactivators, such as NCOA1 or MED1, to the promoter region of the target gene (PubMed:173442)

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