

Anti-STAT4 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R013480

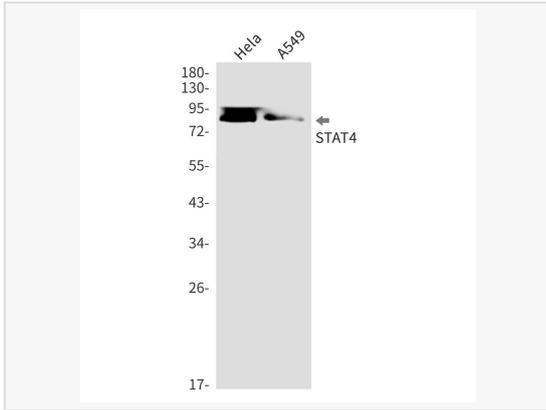
Product Information

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| Application | WB, IHC-P/IF (Tissue-P), IP, ELISA |
| Reactivity | Human |
| Dilution | WB 1:500~1:1,000; IHC-P 1:50~1:100; IP 1:20 |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 43M02L84 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic peptide of human STAT4 |
| Format | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-STAT4 antibody [43M02L84] is for research use only and not for use in diagnostic or therapeutic procedures. |

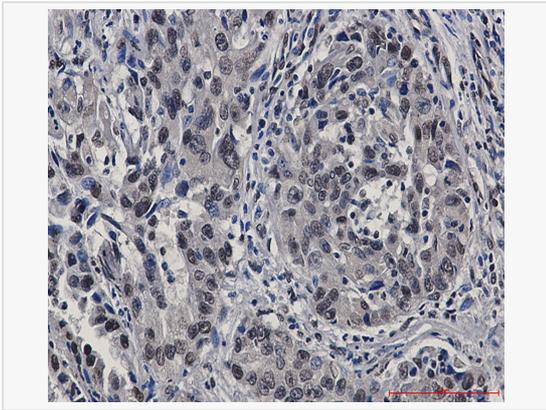
Protein Information

| | |
|---------------|---|
| Synonyms | STAT4, Signal transducer and activator of transcription 4. |
| Calculated MW | Calculated MW: 86 kDa; Observed MW: 86 kDa |
| Uniprot ID | Q14765 |
| Gene ID | 6775 |
| Background | Receptor-mediated tyrosine phosphorylation of Jak family members triggers phosphorylation of Stat proteins, resulting in their nuclear translocation, binding to specific DNA elements, and subsequent activation of transcription. |

Validation Images



Western blot analysis of STAT4 in HeLa, A549 lysates using STAT4 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using STAT4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.