

JAK1(Phospho-Tyr1034) Antibody

Catalog No: #11149



Package Size: #11149-1 50ul #11149-2 100ul

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Description

| | |
|-----------------------|---|
| Product Name | JAK1(Phospho-Tyr1034) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| Applications | IF;WB;IP;IHC |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of JAK1 only when phosphorylated at tyrosine 1034. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around phosphorylation site of tyrosine 1034 (K-E-Y(p)-Y-T) derived from Human JAK1. |
| Target Name | JAK1 |
| Modification | Phospho |
| Other Names | Janus kinase 1 |
| Accession No. | Swiss-Prot: P23458NCBI Protein: NP_002218.2 |
| Uniprot | P23458 |
| GeneID | 3716; |
| Calculated MW | 132kD |
| Concentration | 1.0mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

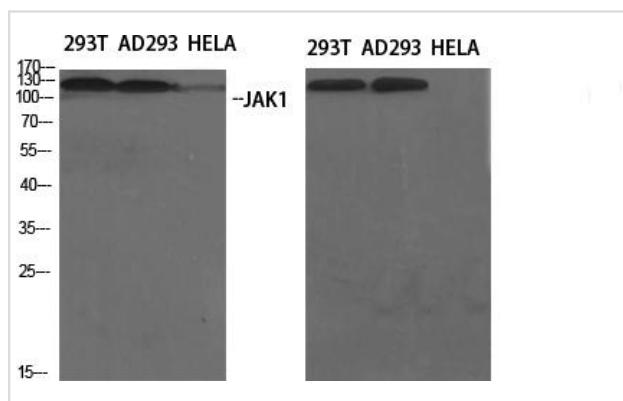
Application Details

WB 1:200-1:1000;

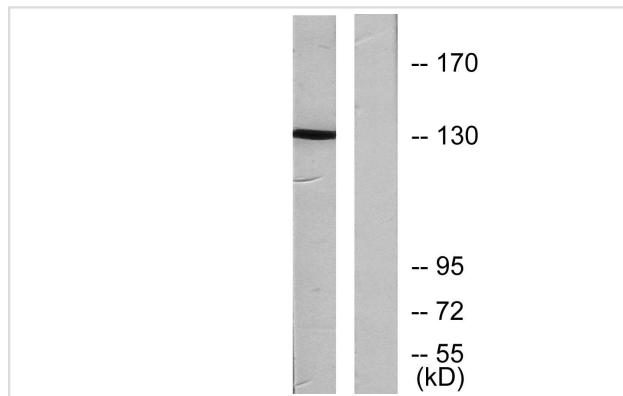
IHC 1:100-1:300;

IF 1:50-200

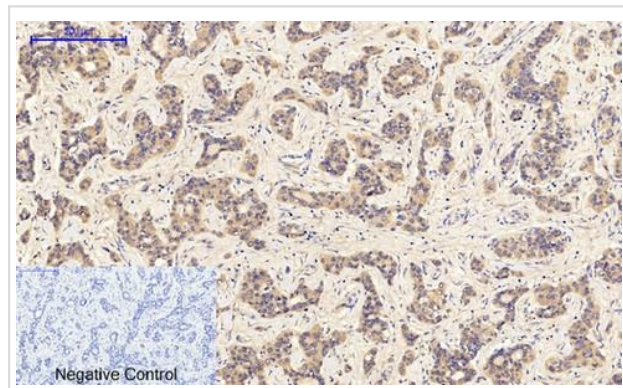
Images



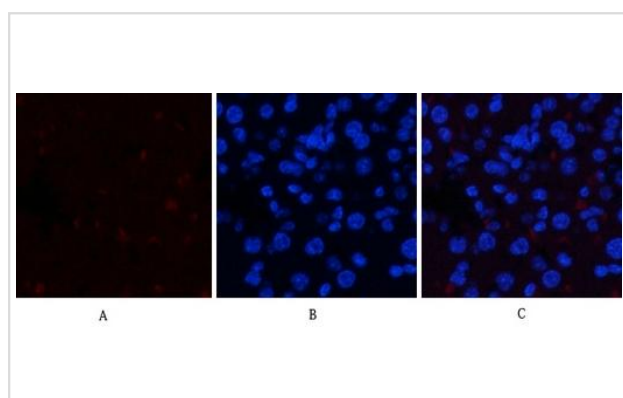
Western Blot analysis of various cells using Phospho-JAK1 (Y1034) Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from A549 cells , using JAK1 (Phospho-Tyr1034) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1,JAK1 (phospho Tyr1034) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of mouse-liver tissue. 1,JAK1 (phospho Tyr1034) Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

Background

This gene encodes a membrane protein that is a member of a class of protein-tyrosine kinases (PTK) characterized by the presence of a second phosphotransferase-related domain immediately N-terminal to the PTK domain. The encoded kinase phosphorylates STAT proteins (signal transducers and activators of transcription) and plays a key role in interferon-alpha/beta and interferon-gamma signal transduction. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],

Note: This product is for in vitro research use only