

## JAK1(Phospho-Tyr1022) Antibody

Catalog No: #11149

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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

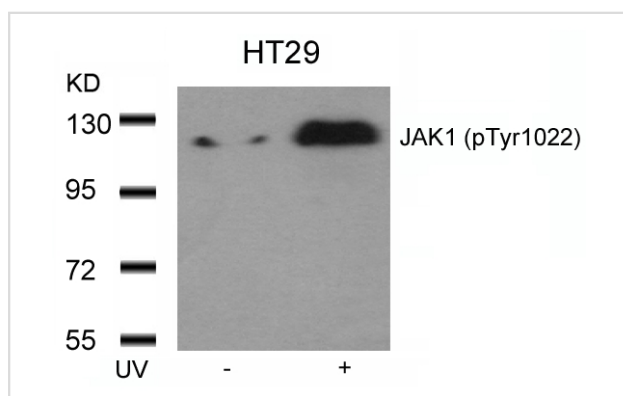
## Description

Product Name	JAK1(Phospho-Tyr1022) 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 1022.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1022 (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.

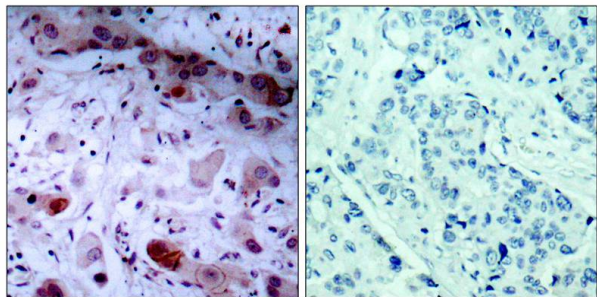
## Application Details

IF 1:50-200 WB 1:200 - 1:1000. IHC 1:100 - 1:300.

## Images



Western blot analysis of extracts from HT29 cells untreated or treated with UV using JAK1(Phospho-Tyr1022) Antibody #11149.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using JAK1(Phospho-Tyr1022) Antibody #11149(left) or the same antibody preincubated with blocking peptide(right).

## 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