Jak2(Phospho-Tyr1007) Antibody

Catalog No: #11151

Package Size: #11151-1 50ul #11151-2 100ul #11151-4 25ul

Overview

Product Name	Jak2(Phospho-Tyr1007) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	Jak2
Modification	Phospho-Tyr1007
Alternative Names	JAK-2; JAK2; Janus kinase 2; kinase Jak2;

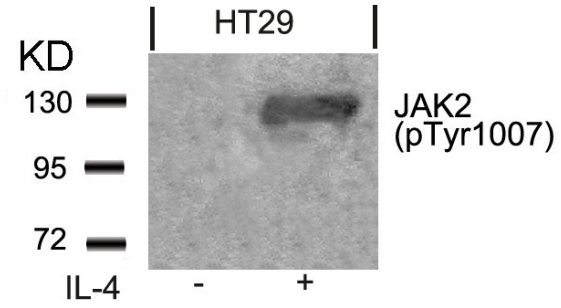
Application Details

Predicted MW: 125kd

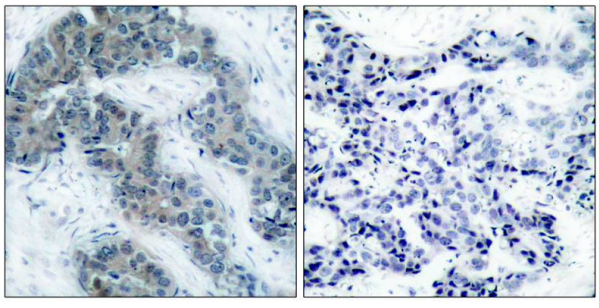
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HT29 cells untreated or treated with IL-4 using JAK2(Phospho-Tyr1007) Antibody #11151.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using JAK2(Phospho-Tyr1007) Antibody #11151(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 1007 (K-E-Y(p)-Y-K) derived from Human JAK2.
Specificity	The antibody detects endogenous level of JAK2 only when phosphorylated at tyrosine 1007.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: O60674NCBI Protein: NP_004963.1

Related Information

Plays a role in leptin signaling and control of body weight
James C, et al. (2005) Nature. 434(7037): 1144-1148.
Argetsinger LS, et al. (2004) Mol Cell Biol. 24(11): 4955-4967.
Ungureanu D, et al. (2002) Mol Cell Biol. 22(10): 3316-3326.
Xie S, et al. (2001) Oncogene. 20(43): 6188-6195.