

Anti-JAK2 (Ab-570) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A200055-01	50 µl
A200055-02	100 µl

Specificity	Anti-JAK2 (Ab-570) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: O60674

Other Names: EC 2.7.10.2, JAK-2, JAK2, Janus kinase 2, kinase Jak2

Specificity and Sensitivity

JAK2 (Ab-570) antibody detects endogenous levels of total JAK2 protein.

Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human JAK2 around the phosphorylation site of tyrosine 570 (G-D-Y^P-G-Q).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IF: 1:100~1:500 ELISA: 1:5000

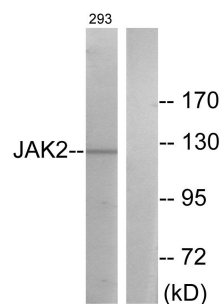
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

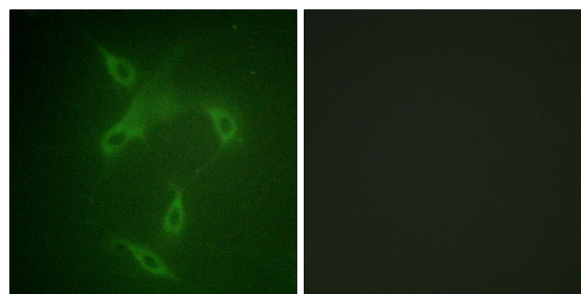
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Etoposide	+	+
Peptide	-	+

Western blot analysis of extracts from 293 cells, treated with etoposide (25uM, 24hours), using JAK2 (Ab-570) antibody.



Peptide	-	+
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Immunofluorescence analysis of NIH/3T3 cells, using JAK2 (Ab-570) antibody.