

JAK2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3402
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human JAK2 (AA: 745-955) expressed in E. Coli.
Mol wt	130.7kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	JTK10;THCYT3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be constitutively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis.

Recommended Dilution

WB: 1:500 - 1:2000

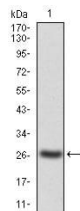
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

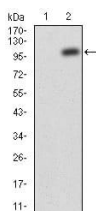
ELISA: 1:10000

Not yet tested in other applications.

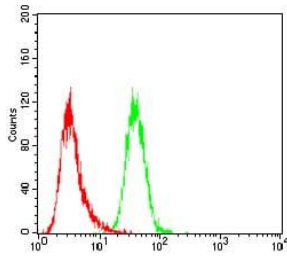
Images



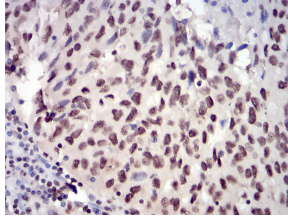
Western blot analysis using JAK2 mAb against human JAK2(AA: 745-955) recombinant protein.
(Expected MW is 27.1 kDa)



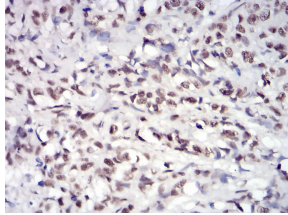
Western blot analysis using JAK2 mAb against HEK293 (1) and JAK2(AA: 545-1124)-hIgGfC transfected HEK293 (2) cell lysate.



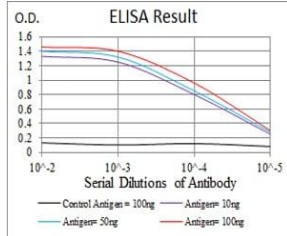
Flow cytometric analysis of HeLa cells using JAK2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using JAK2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded breast cancer tissues using JAK2 mouse mAb with DAB staining.



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com