Recombinant DGRmAb®

JAK2 (DGR14516) Rabbit mAb (PBS Only)

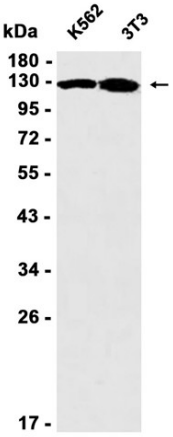
db14880-PBS **Package : 10μg 100μg**

Product Name : JAK2 (DGR14516) Rabbit mAb (PBS Only)
Cat.No.: db14880-PBS
Synonyms : JTK10; THCYT3
Application : WB, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

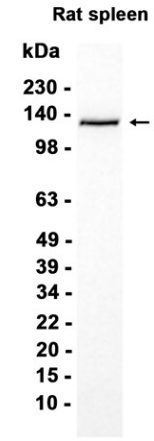
Background	This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be constituitively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human JAK2
Gene ID	3717
Swiss Prot	O60674
Synonyms	JTK10; THCYT3
Reactivity	Human,Mouse,Rat
Application	WB, ICC/IF, IP
Calculated MW	131 kDa
Observed MW	131 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14516
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL

Formulation PBS Only

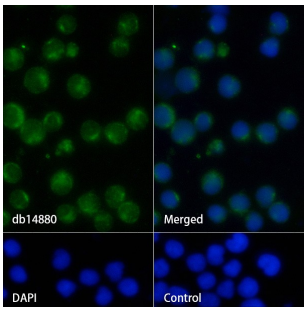
Storage Stability Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, 3T3 cells using db14880 at 1:1000.



Western blot analysis of extracts from Rat spleen tissue using db14880 at 1:1000.



Immunofluorescence analysis of Jurkat cells labelling JAK2 with db14880.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14880 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.