

bs-23004R**[Primary Antibody]****JAK2 Rabbit pAb****BioSS**
ANTIBODIES

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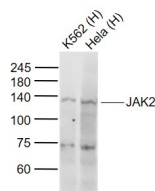
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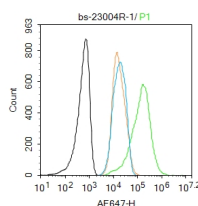
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (1ug/Test)
Clonality: Polyclonal		
GeneID: 3717	SWISS: O60674	Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Dog)
Target: JAK2		
Immunogen: KLH conjugated synthetic peptide derived from human JAK2: 531-630/1132.		
Purification: affinity purified by Protein A		Predicted MW.: 131 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Lane 1: K562 (Human) Cell Lysate at 30 ug
Lane 2: HeLa (Human) Cell Lysate at 30 ug
Primary: Anti-JAK2 (bs-23004R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 120 kD
Observed band size: 125 kD



Blank control: HL-60 Primary Antibody (green line): Rabbit Anti-JAK2 antibody (bs-23004R)
Dilution: 1µg / 10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.