

bs-2485R**[Primary Antibody]****phospho-JAK2 (Tyr1007+Tyr1008) Rabbit pAb****BioSS**
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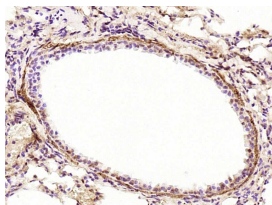
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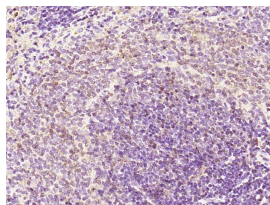
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 3717**SWISS:** O60674**Target:** JAK2 (Tyr1007+Tyr1008)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human JAK2 around the phosphorylation site of Tyr1007/1008: KE(p-Y)(p-Y)KV.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

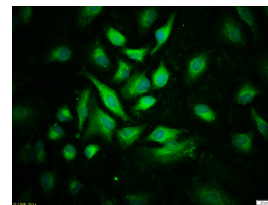
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]**Applications:** IHC-P (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1µg/Test)**ICC/IF** (1:100)**Reactivity:** Human, Mouse, Rat
(predicted: Rabbit, Pig,
Zebrafish, Chicken)**Predicted
MW.:** 131 kDa**Subcellular
Location:** Cell membrane ,Cytoplasm
Nucleus**— VALIDATION IMAGES —**

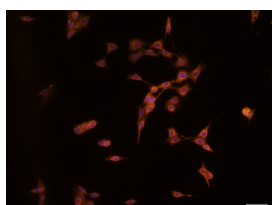
Paraformaldehyde-fixed, paraffin embedded (mouse lung); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-JAK2 (Tyr1007+Tyr1008)) Polyclonal Antibody, Unconjugated (bs-2485R) at 1:2000 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat spleen); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-JAK2 (Tyr1007+Tyr1008)) Polyclonal Antibody, Unconjugated (bs-2485R) at 1:2000 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-JAK2(Tyr1007+Tyr1008)) Polyclonal Antibody, Unconjugated (bs-2485R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-AF488) at 37°C for 90 minutes, DAPI (5ug/ml, blue, C-0033) was used to stain the cell nuclei.



Tissue/cell: NIH/3T3 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-JAK2(Tyr1007+Tyr1008))

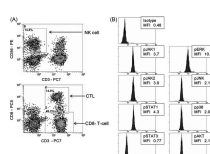


Figure 3. Flow cytometric analysis of cells expressing cell and expression of phosphorylated proteins. Representative data are shown. Lymphocyte fractions are identified according to surface antibodies including CD45, CD6, and CD66. Natural killer (NK) cells were defined as the CD45⁺CD6⁺CD66⁺ population and control T lymphocytes (CTL) were CD45⁺CD6⁺CD66⁺. Cells were incubated with phospho-specific antibodies, including antibodies targeting JAK2, JAK1, JAK3, JAK4, JAK5, JAK6, JAK7, JAK8, JAK9, JAK10, JAK11, JAK12, JAK13, JAK14, JAK15, JAK16, JAK17, JAK18, JAK19, JAK20, JAK21, JAK22, JAK23, JAK24, JAK25, JAK26, JAK27, JAK28, JAK29, JAK30, JAK31, JAK32, JAK33, JAK34, JAK35, JAK36, JAK37, JAK38, JAK39, JAK40, JAK41, JAK42, JAK43, JAK44, JAK45, JAK46, JAK47, JAK48, JAK49, JAK50, JAK51, JAK52, JAK53, JAK54, JAK55, JAK56, JAK57, JAK58, JAK59, JAK60, JAK61, JAK62, JAK63, JAK64, JAK65, JAK66, JAK67, JAK68, JAK69, JAK70, JAK71, JAK72, JAK73, JAK74, JAK75, JAK76, JAK77, JAK78, JAK79, JAK80, JAK81, JAK82, JAK83, JAK84, JAK85, JAK86, JAK87, JAK88, JAK89, JAK90, JAK91, JAK92, JAK93, JAK94, JAK95, JAK96, JAK97, JAK98, JAK99, JAK100, JAK101, JAK102, JAK103, JAK104, JAK105, JAK106, JAK107, JAK108, JAK109, JAK110, JAK111, JAK112, JAK113, JAK114, JAK115, JAK116, JAK117, JAK118, JAK119, JAK120, JAK121, JAK122, JAK123, JAK124, JAK125, JAK126, JAK127, 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Polyclonal Antibody, Unconjugated (bs-2485R)
1:100, 90 minutes at 37°C; followed by a
conjugated Goat Anti-Rabbit IgG antibody
(bs-0295G-PE) at 37°C for 90 minutes, DAPI
(5ug/ml, blue, C-0033) was used to stain the cell
nuclei.

Masami Takei Division of Hematology and
Rheumatology, Department of Medicine, Nihon
University School of Medicine, Tokyo, Japan

Antibody (white blue line): Goat anti-rabbit IgG-
PE Dilution: 1μg /test. Protocol The cells were
fixed with 4% PFA (10min) and then
permeabilized with 90% ice-cold methanol for
20 min on ice. Cells stained with Primary
Antibody for 30 min at room temperature. The
cells were then incubated in 1 X
PBS/2%BSA/10% goat serum to block non-
specific protein-protein interactions followed by
the antibody for 15 min at room temperature.
The secondary antibody used for 40 min at room
temperature. Acquisition of 20,000 events was
performed.

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