

## phospho-JAK2 (Tyr1007+Tyr1008) Recombinant Rabbit mAb

Catalog Number: bsm-52171R

Target Protein: phospho-JAK2 (Tyr1007+Tyr1008)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 6E5

Isotype: IgG

Applications: IHC-P (1:200-500), IHC-F (1:200-500), IF (1:200-500), ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

Predicted MW: 131 kDa

Subcellular Cell membrane ,Cytoplasm ,Nucleus

Locations:

Entrez Gene: 3717

Swiss Prot: O60674

Source: A synthesized peptide derived from human JAK2 around the phosphorylation site of Y1007/Y1008: KE-pY-pY-KV.

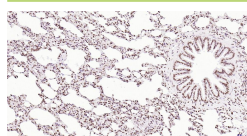
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

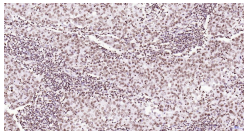
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]

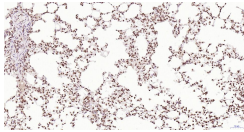
### VALIDATION IMAGES



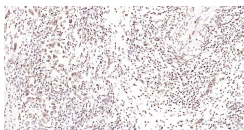
Paraformaldehyde-fixed, paraffin embedded Rat Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-JAK2 (Tyr1007+Tyr1008) Monoclonal Antibody, Unconjugated(bsm-52171R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



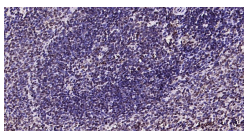
Paraformaldehyde-fixed, paraffin embedded Human Gastric Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-JAK2 (Tyr1007+Tyr1008) Monoclonal Antibody, Unconjugated(bsm-52171R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



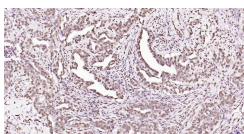
Paraformaldehyde-fixed, paraffin embedded Mouse Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-JAK2 (Tyr1007+Tyr1008) Monoclonal Antibody, Unconjugated(bsm-52171R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cervical Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-JAK2 (Tyr1007+Tyr1008) Monoclonal Antibody, Unconjugated(bsm-52171R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-JAK2 (Tyr1007+Tyr1008) Monoclonal Antibody, Unconjugated(bsm-52171R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-JAK2 (Tyr1007+Tyr1008) Monoclonal Antibody, Unconjugated(bsm-52171R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=8.4] Hu Bowen. et al. Local GHR roles in regulation of mitochondrial function through mitochondrial biogenesis during myoblast differentiation. CELL COMMUN SIGNAL. 2023 Dec;21(1):1-18 WB ; Chicken . 37337300

[IF=2.985] Yanyan Lu. et al. Silencing IFN $\gamma$  inhibits A1 astrocytes and attenuates neurogenesis decline and cognitive impairment in endotoxemia. Biochem Bioph Res Co. 2020 Dec;533:1519 WB,IHC ; Mouse . 33158480