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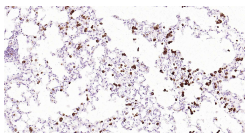
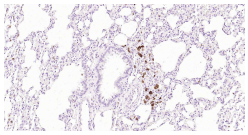
CD68 Rabbit pAb

Catalog Number:	bs-20402R
Target Protein:	CD68
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Mouse, Rat
Predicted MW:	37 kDa
Entrez Gene:	12514
Swiss Prot:	P31996
Source:	KLH conjugated synthetic peptide derived from mouse CD68: 111-210/335.
Purification:	affinity purified by Protein A
Storage:	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	This gene encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Jul 2008]

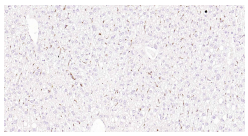
VALIDATION IMAGES



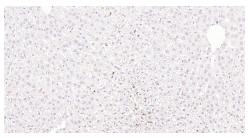
Paraformaldehyde-fixed, paraffin embedded Mouse Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD68 Polyclonal Antibody, Unconjugated (bs-20402R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



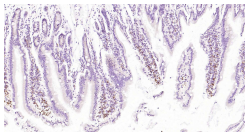
Paraformaldehyde-fixed, paraffin embedded Rat Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD68 Polyclonal Antibody, Unconjugated (bs-20402R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



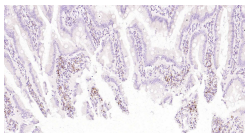
Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD68 Polyclonal Antibody, Unconjugated (bs-20402R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD68 Polyclonal Antibody, Unconjugated (bs-20402R) 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 Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD68 Polyclonal Antibody, Unconjugated (bs-20402R) 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 Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD68 Polyclonal Antibody, Unconjugated (bs-20402R) 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=4.679] Lu Yuan. et al. Protective effect of astaxanthin against SnS2 nanoflowers induced testes toxicity by suppressing RIPK1-RIPK3-MLKL signaling in mice. Food Chem Toxicol. 2020 Nov;145:111736 IHC ; Mouse . 32918989

[IF=3.699] Xiao-Tan Zhang . et al. Baicalin reversal of DNA hypermethylation-associated Klotho suppression ameliorates renal injury in type 1 diabetic mouse model. Cell Cycle. 2020;19(23):3329-3347 WB,IF ; Mouse . 33190590

[IF=4.451] Meilan Xue. et al. Neuroprotective effect of fucoidan by regulating gut-microbiota-brain axis in alcohol withdrawal mice. J Funct Foods. 2021 Nov;86:104726 WB ; mouse . 10.1016/j.jff.2021.104726

[IF=2.976] Peng Y et al. Sonodynamic therapy improves anti-tumor immune effect by increasing the infiltration of CD8+ T cells and

altering tumor blood vessels in murine B16F10 melanoma xenograft. Oncol Rep. 2018 Oct;40(4):2163-2170. IF,WB ; Mouse . 30106435