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Anti-CD68 Rabbit pAb (A73004)

Catalog No.: A73004

Basic Information

Catalog No. (Cat.No.)	A73004
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,ICC/IF,ELISA
Synonyms	CD68,GP110,LAMP4,SCARD1

Product Information

Target	CD68
Molecular Weight(Calculated)	37 kDa
Molecular Weight(Observed)	52 kDa
Isotype	IgG
Conjugation	NA
Concentration	1 mg/ml
Clonality	Polyclonal
Clone No.	NA
RRID	NA
Storage buffer	0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:2000
IHC	1:200-1:2000
ICC/IF	1:100-1:500
ELISA	1:5000-1:20000

Target Information

Protein Name	CD68 molecule
Gene Name	*CD68*
Domain	NA
Background	CD68 (Lysosomal-associated membrane glycoprotein CD68) belongs to mucin-like transmembrane glycoprotein family and executes lysosomal-endosomal trafficking and macrophage identification functions. Predominantly localized on lysosomal and endosomal membranes of monocytes and macrophages, small fraction of CD68 is displayed on cell surface. It participates in intracellular lysosomal substance transport and degradation. CD68 is a routine marker for monocyte-macrophage lineage to label tissue-resident macrophages and tumor-associated macrophages. Notably, CD68 cannot distinguish M1/M2 polarization states; low-level expression is also observed on dendritic cells and certain activated myeloid cells.