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Anti-CD68 Rabbit mAb [79E84]

Catalog No.: A52063

Basic Information

Catalog No. (Cat.No.)	A52063
Host species	Rabbit
Reactivity	Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	CD68,Macrosialin,Gp110,CD68

Product Information

Target	CD68
Molecular Weight(Calculated)	37 kDa
Molecular Weight(Observed)	100 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	79E84
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 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	1:2000-1:10000
IHC	1:500-1:2000
IF	1:200-1:1000
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.