

Marco antibody [PLK-1]

Cat. No. GTX54470

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Applications	WB, ICC/IF, IHC-Fr, FCM, IP, Neutralizing/Inhibition
Reactivity	Human, Bovine

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	0.6 µg/ml
IHC-Fr	5µg/ml
FCM	Assay dependent
IP	Assay dependent
Neutralizing/Inhibition	Assay dependent

Note : Antibody PLK-1 stained MARCO under non-reducing conditions.

Tissue sections can be- fixed in acetone or 2% paraformaldehyde.

Antibody PLK-1 immunoprecipitates MARCO as 60 and 50 kDa protein from lysates obtained from COS cells transfected with human MARCO.

Antibody PLK-1 blocks human alveolar macrophages binding to unopsonized particles.

Not tested in other applications.

Calculated MW	53 kDa. (Note)
Product Note	This antibody stains alveolar macrophages by recognizing the extracellular domain of MARCO. The monoclonal antibody PLK-1 binds specifically to MARCO, and has been shown to partially block ligand binding.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human alveolar macrophages (recognizes domain V between residues 420 and 431)



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Purification	Purified IgG3
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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