

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 preservative
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	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p>



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