

Product Datasheet

CD154 Antibody (orb387905)

Catalog Number	orb387905
Category	Antibodies
Description	Mouse monoclonal antibody to CD154
Target	CD154
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	Unconjugated
Reactivity	Human, Primate
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4
Purification	Purified by protein-A affinity chromatography.
Immunogen	human CD154 fusion protein
UniProt ID	P27548
Tested applications	FA, FC, ICC
Application notes	Functional application: Blocking. Flow cytometry: Recommended dilution: 2-6 µg/ml
Specificity	The mouse monoclonal antibody 24-31 detects an extracellular epitope of CD154 / CD40L (CD40-ligand), a 39 kDa cell surface type II glycoprotein expressed predominantly on activated CD4+ lymphocytes.

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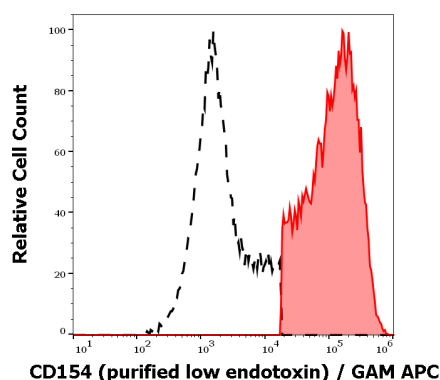
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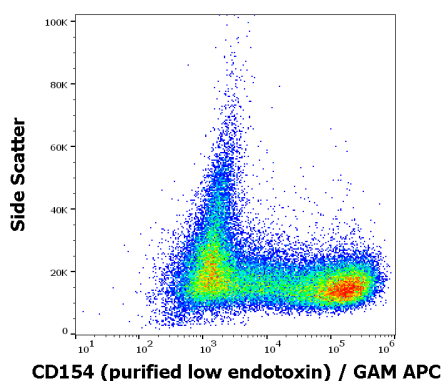
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Antibody Type	Primary Antibody
Clone Number	24-31
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	21947
Expiration Date	12 months from date of receipt.



Separation of human CD154 positive cells (red-filled) from CD154 negative cells (black-dashed) in flow cytometry analysis (surface staining) of stimulated (PMA + ionomycin) peripheral blood mononuclear cells stained using anti-human CD154 (24-31) purified antibody (low endotoxin, concentration in sample 2 µg/ml) GAM APC.



Flow cytometry surface staining pattern of stimulated (PMA + ionomycin) peripheral blood mononuclear cells stained using anti-human CD154 (24-31) purified antibody (low endotoxin, concentration in sample 2 µg/ml) GAM APC.

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