

Product Datasheet

CD154 Antibody (Biotin) (orb2937683)

Catalog Number	orb2937683
Category	Antibodies
Description	CD154 Antibody (Biotin)
Target	CD154
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	Biotin
Reactivity	Human, Primate
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Immunogen	human CD154 fusion protein
UniProt ID	P27548
Tested applications	FC, ICC
Application notes	Flow cytometry: Recommended dilution: 1-5 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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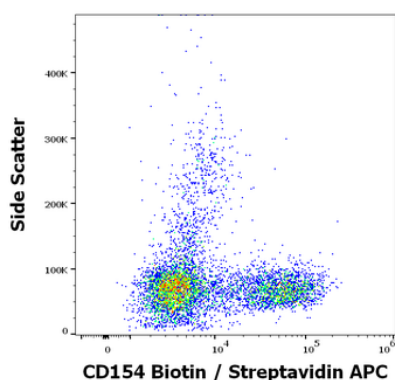
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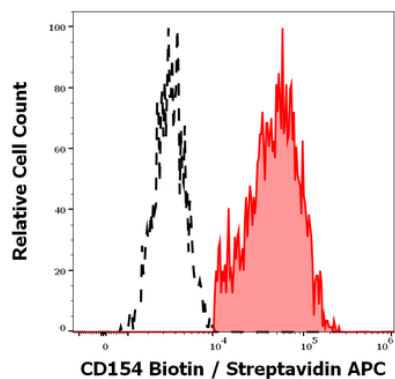
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Clone Number	24-31
Storage	Store at 2-8°C. Do not freeze.
Note	For research use only
Entrez	21947
Expiration Date	12 months from date of receipt.



Flow cytometry surface staining pattern of human stimulated (PMA+Ionomycin) peripheral blood mononuclear cells stained using anti-human CD154 (24-31) biotin antibody (concentration in sample 1.67 µg/ml, Streptavidin APC).



Separation of human CD3 positive CD54 positive lymphocytes (red-filled) from CD3 negative CD54 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human stimulated (PMA+Ionomycin) peripheral blood mononuclear cells stained using anti-human CD154 (24-31) biotin antibody (concentration in sample 1.67 µg/ml, Streptavidin APC).

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