

Product Datasheet

CD45RA Antibody (orb44329)

Catalog Number	orb44329
Category	Antibodies
Description	Mouse Monoclonal to CD45RA.
Target	CD45RA
Clonality	Monoclonal
Isotype	Mouse IgG2b
Conjugation	Unconjugated
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	Human thymocytes and T lymphocytes.
RRID	AB_10989853
Tested applications	FC, IHC-P, IP, WB
Application notes	Immunohistochemistry (paraffin sections): No pre-treatment of tissue sections is needed. Flow cytometry: Recommended dilution: 0.3-4 µg/ml.
Specificity	The antibody MEM-56 reacts with an extracellular epitope of CD45RA, a 205-220 kDa single chain type I glycoprotein, variant of CD45 (CD45RA isoform). CD45RA is expressed on most of B lymphocytes, resting and native T lymphocytes, medullar thymocytes and monocytes.

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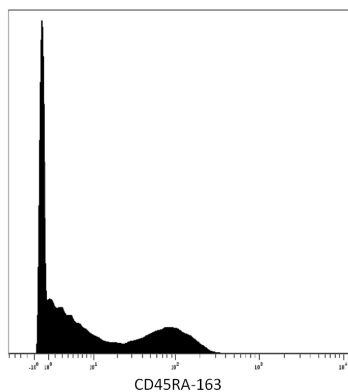
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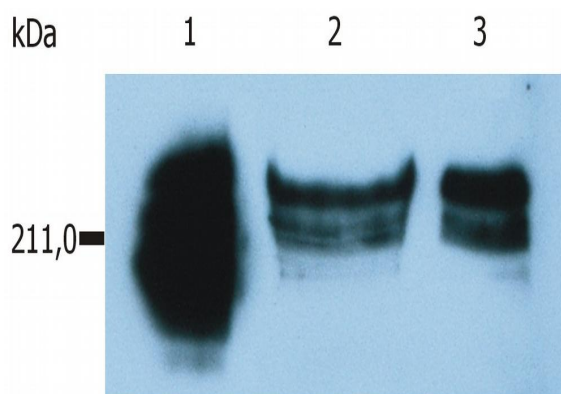
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Antibody Type	Primary Antibody
Clone Number	MEM-56
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	35
Expiration Date	12 months from date of receipt.



Mass cytometry (surface staining) of human peripheral blood with anti-CD45RA (MEM-56) 163Dy. Gated on singlets.



Western blotting analysis of whole cell lysate of HUT-78 human cutaneous T cell lymphoma cell line. Lane 1: immunostaining with anti-human CD45 control antibody; Lane 2: immunostaining with anti-human CD45RA (MEM-56); sample of cell lysate prepared under non-reducing conditions; Lane 3: immunostaining with anti-human CD45RA (MEM-56); sample of cell lysate prepared under reducing conditions.

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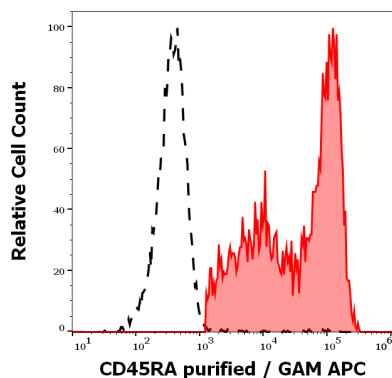
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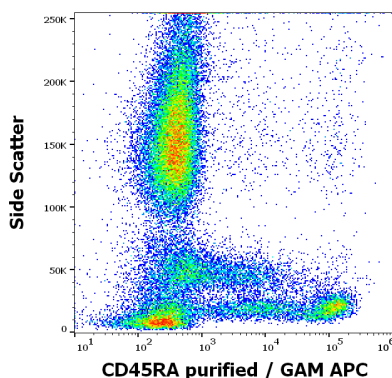
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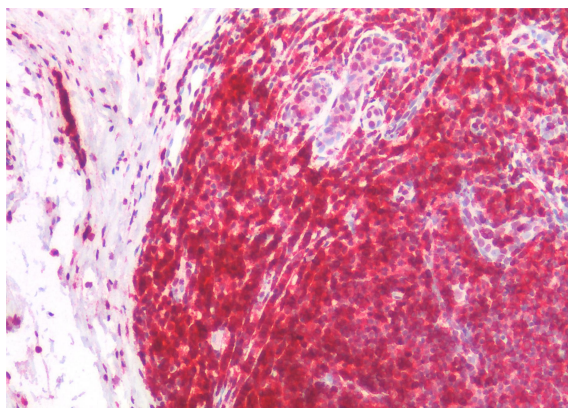
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Separation of human CD45RA positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral blood stained using anti-human CD45RA (MEM-56) purified antibody (concentration in sample 0.3 $\mu\text{g/ml}$, GAM APC).



Flow cytometry surface staining pattern of human peripheral blood stained using anti-human CD45RA (MEM-56) purified antibody (concentration in sample 0.3 $\mu\text{g/ml}$, GAM APC).



Immunohistochemistry staining of human tonsil (paraffin-embedded sections) with anti-CD45RA (MEM-56), 5 $\mu\text{g/ml}$.

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