

## Product Datasheet

### GRAP2 Antibody (APC) (orb669270)

<b>Catalog Number</b>	orb669270
<b>Category</b>	Antibodies
<b>Description</b>	Mouse monoclonal antibody against GRAP2 conjugated to APC
<b>Target</b>	GRAP2
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse IgG2a
<b>Conjugation</b>	APC
<b>Reactivity</b>	Human
<b>Concentration</b>	0.1 mg/ml
<b>Buffer/Preservatives</b>	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Purification</b>	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Immunogen</b>	GST-fusion human GRAP2/GADS protein
<b>UniProt ID</b>	<b>O75791</b>
<b>Tested applications</b>	FC
<b>Application notes</b>	Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining.
<b>Specificity</b>	The mouse monoclonal antibody UW40 recognizes GRAP2/GADS, a 41 kDa cytoplasmic adaptor protein that plays a pivotal role during the early events of signal transduction in T cells.

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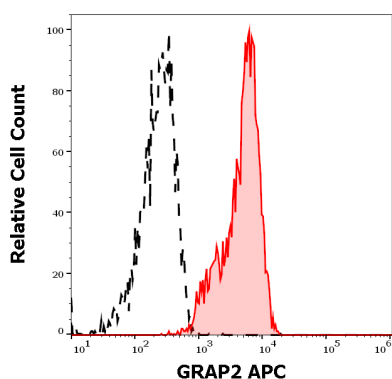
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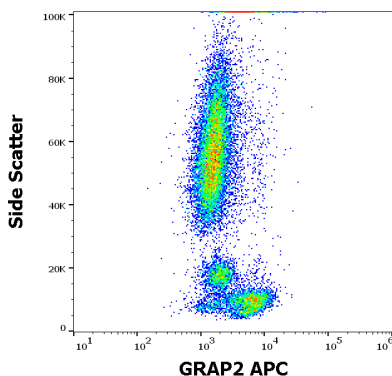
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<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	UW40
<b>Storage</b>	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>9402</b>
<b>Expiration Date</b>	12 months from date of receipt.



Separation of lymphocytes stained using anti-human GRAP2 (UW40) APC antibody (concentration in sample 1.7 µg/ml, red-filled) from lymphocytes stained using mouse IgG2a isotype control (MOPC-173) APC antibody (concentration in sample 1.7 µg/ml, same as GRAP2 APC concentration, black-dashed) in flow cytometry analysis (intracellular staining) of peripheral blood.



Flow cytometry intracellular staining pattern of human peripheral whole blood stained using anti-human GRAP2(UW40) APC antibody (concentration in sample 1.7 µg/ml).

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