

## Product Datasheet

### Anti-GRAP2 PE GRP13257

<b>Description</b>	GRAP2/GADS (Grb2-related adaptor protein 2 / Grb2-related adaptor downstream of Shc) is a cytoplasmic adaptor protein containing N- and C-terminal SH3 domains flanking a central SH2 domain and a proline/glutamine-rich region. It is expressed predominantly in lymphoid tissue and hematopoietic cells, particularly in T cells. GRAP2/GADS plays a pivotal role during the early events of T cell signal transduction by recruiting the adaptor protein SLP-76 and its associated molecules, such as Vav, Nck, Itk, and ADAP, to the transmembrane adaptor protein LAT. GRAP2/GADS also binds several other signaling proteins, namely Gab2, HPK1 (hematopoietic progenitor kinase 1), and Cbl. Unlike similar adaptor protein Grb2, GRAP2/GADS shows higher selectivity when binding to the particular phosphorylated tyrosines of LAT adaptor.
<b>Reactivity</b>	Human
<b>Tested Applications</b>	FC
<b>Immunogen</b>	GST-fusion human GRAP2/GADS protein
<b>Form/Appearance</b>	PE
<b>Concentration</b>	0.1 mg/ml
<b>Preservatives</b>	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
<b>Storage</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.
<b>Note</b>	For research use only.
<b>Isotype</b>	Mouse IgG2a
<b>Clone ID</b>	UW40
<b>Uniprot ID</b>	O75791
<b>NCBI</b>	9402