

### 30-1448: Anti-GRAP2/GADS Monoclonal Antibody (Clone:UW40)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	UW40
<b>Application :</b>	FACS, IP, WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	GRAP2
<b>Gene ID :</b>	9402
<b>Uniprot ID :</b>	O75791
<b>Format :</b>	Purified
<b>Alternative Name :</b>	GRAP2,GADS,GRB2L,GRID
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	GST-fusion human GRAP2/GADS protein

#### Description

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.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

**Flow Cytometry** *Recommended dilution:* 1 Åµg/ml  
**Immunoprecipitation Western Blotting**