

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

Clonality :	Monoclonal
Clone Name :	UW40
Application :	FACS, IP, WB
Reactivity :	Human
Gene :	GRAP2
Gene ID :	9402
Uniprot ID :	O75791
Format :	Purified
Alternative Name :	GRAP2,GADS,GRB2L,GRID
Isotype :	Mouse IgG2a
Immunogen Information :	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

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

Application Note

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