

Datasheet for ABIN7539834
anti-GAB2 antibody (AA 332-476)



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Overview

Quantity:	100 µL
Target:	GAB2
Binding Specificity:	AA 332-476
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GAB2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	GAB2 Antibody
Immunogen:	Purified recombinant fragment of human GAB2 (AA: 332-476) expressed in E. Coli.
Clone:	1F6D9
Isotype:	IgG2a
Purification:	Purified antibody

Target Details

Target:	GAB2
Alternative Name:	GAB2 (GAB2 Products)
Background:	This gene is a member of the GRB2-associated binding protein (GAB) gene family. These

Target Details

proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene.

Molecular Weight:	74.5 kDa
Gene ID:	9846
UniProt:	Q9UQC2
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , BCR Signaling , Warburg Effect

Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400 ICC: 1/200 - 1/1000
Restrictions:	For Research Use only

Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.