

Datasheet for ABIN681191
anti-GAB2 antibody (PE-Cy7)



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Overview

Quantity:	100 µL
Target:	GAB2
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAB2 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Gab2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GAB2
Alternative Name:	Gab2 (GAB2 Products)
Background:	Synonyms: GRB2-associated-binding protein 2, GRB2-associated binder 2, Growth factor receptor bound protein 2-associated protein 2, pp1, GAB2, KIAA571

Target Details

Background: Adapter protein which acts downstream of several membrane receptors including cytokine, antigen, hormone, cell matrix and growth factor receptors to regulate multiple signaling pathways. Regulates osteoclast differentiation mediating the TNFRSF11A/RANK signaling. In allergic response, it plays a role in mast cells activation and degranulation through PI-3-kinase regulation. Also involved in the regulation of cell proliferation and hematopoiesis.

Molecular Weight: 74kDa

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: WB(1:100-500)
IHC-P(1:100-500)
IF(IHC-P)(1:100-500)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months