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# Datasheet for ABIN7267518 anti-GRB2 antibody

6 Images



## Overview

Quantity:	100 µL
Target:	GRB2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This GRB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

## Product Details

Purpose:	GRB2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human GRB2
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification
Target Details	
Target:	GRB2

Alternative Name: GRB2 (GRB2 Products)
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn
International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com

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## Target Details

Background:	The protein encoded by this gene binds the epidermal growth factor receptor and contains one
	SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with
	proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated
	sequences. This gene is similar to the Sem5 gene of C.elegans, which is involved in the signal
	transduction pathway. Two alternatively spliced transcript variants encoding different isoforms
	have been found for this gene. [provided by RefSeq, Jul 2008],ASH,EGFRBP-GRB2,Grb3-
	3,MST084,MSTP084,NCKAP2,GRB2,B Cell Receptor Signaling Pathway,Cancer,Cell Biology &
	Developmental Biology,Cytoskeleton,Cytoskeleton_Actins,Endocrine & Metabolism,Epigenetics
	& Nuclear Signaling,ErbB-HER Signaling Pathway,G protein signaling,G protein signaling_G-
	Protein-Coupled Receptors Signaling to MAPK/Erk,G protein signaling_Small G proteins,IL-6
	Receptor Signaling Pathway, Immunology & Inflammation, Insulin Receptor Signaling
	Pathway,MAPK-Erk Signaling Pathway,MAPK-JNK Signaling Pathway,RNA Binding,Signal
	Transduction,T Cell Receptor Signaling Pathway,TGF-b-Smad Signaling Pathway,GRB2
Molecular Weight:	25kDa/20kDa
Gene ID:	2885
UniProt:	P62993
Pathways:	RTK Signaling, TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway,
	Neurotrophin Signaling Pathway, Regulation of Actin Filament Polymerization, Hepatitis C,
	Signaling Events mediated by VEGFR1 and VEGFR2, Signaling of Hepatocyte Growth Factor
	Receptor, EGFR Downregulation

# Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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

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## Images







#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human lung cancer using GRB2 Rabbit mAb (ABIN7267518) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

### **Western Blotting**

**Image 2.** Western blot analysis of extracts of various cell lines, using GRB2 antibody (ABIN7267518) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 5s.

#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded mouse spleen using GRB2 Rabbit mAb (ABIN7267518) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 6 images are available for ABIN7267518.

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