

Product datasheet for **CF809284**

GRB7 Mouse Monoclonal Antibody [Clone ID: OTI15E7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI15E7
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human GRB7 (NP_005301) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59.5 kDa
Gene Name:	growth factor receptor bound protein 7
Database Link:	NP_005301 Entrez Gene 14786 Mouse Entrez Gene 84427 Rat Entrez Gene 2886 Human Q14451



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Background:

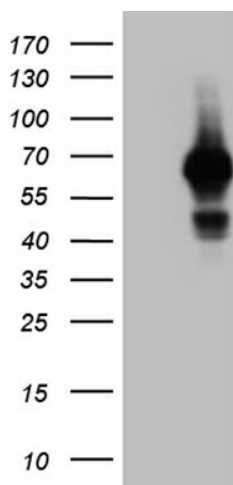
The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with epidermal growth factor receptor (EGFR) and ephrin receptors. The protein plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2011]

Synonyms:

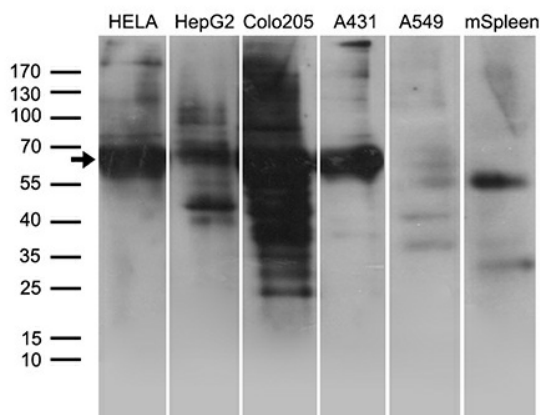
growth factor receptor-bound protein 7; OTTHUMP00000164352

Protein Families:

Druggable Genome, Embryonic stem cells, Stem cell - Pluripotency

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GRB7 ([RC215362], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GRB7 (1:2000). Positive lysates [LY401639] (100ug) and [LC401639] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 5 different cell lines and mouse spleen tissue lysate by using anti-GRB7 monoclonal antibody (1:500).