

Product datasheet for **CF502681**

RNF156 (MGRN1) Mouse Monoclonal Antibody [Clone ID: OTI3A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3A1
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:500~2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MGRN1 (NP_056061) produced in HEK293T cell.
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:	63 kDa
Gene Name:	mahogunin ring finger 1
Database Link:	NP_056061 Entrez Gene 23295 Human O60291
Background:	Mahogunin (MGRN1) is a C3HC4 RING-containing protein with E3 ubiquitin ligase activity in vitro. [supplied by OMIM]

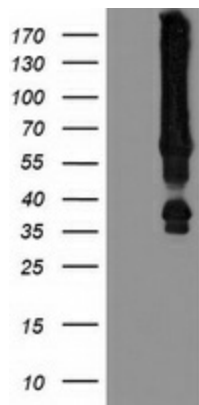


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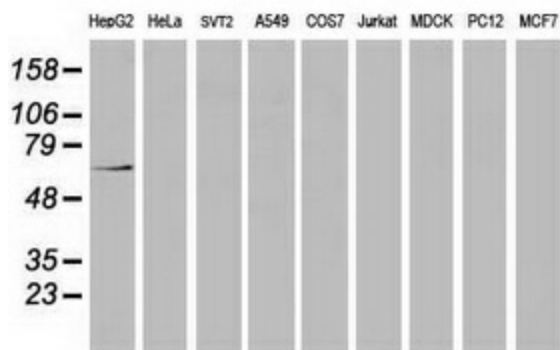
Synonyms: RNF156

Protein Pathways: Ubiquitin mediated proteolysis

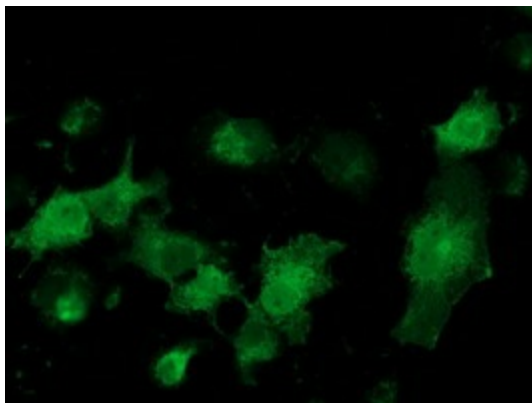
Product images:



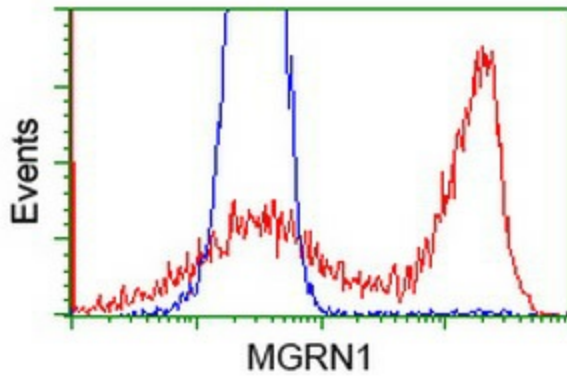
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MGRN1 ([RC208284], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MGRN1. Positive lysates [LY414714] (100ug) and [LC414714] (20ug) can be purchased separately from OriGene.



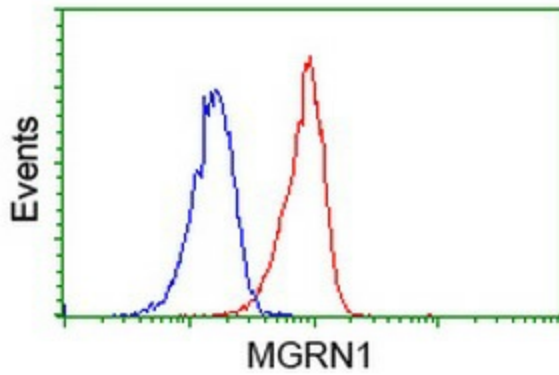
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-MGRN1 monoclonal antibody.



Anti-MGRN1 mouse monoclonal antibody ([TA502681]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MGRN1 ([RC208284]).



HEK293T cells transfected with either [RC208284] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MGRN1 antibody ([TA502681]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-MGRN1 antibody ([TA502681]), (Red), compared to a nonspecific negative control antibody, (Blue).