

Product datasheet for TA505880

RALB Mouse Monoclonal Antibody [Clone ID: OTI2C4]

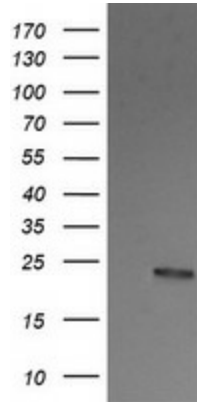
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2C4
Applications:	IF, IHC, WB
Recommend Dilution:	WB 1:200~4000, IHC 1:150, IF 1:100
Reactivity:	Human, Monkey, Mouse, Rat, Dog
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human RALB(NP_002872) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	23.2 kDa
Gene Name:	RAS like proto-oncogene B
Database Link:	NP_002872 Entrez Gene 64143 MouseEntrez Gene 116546 RatEntrez Gene 483881 DogEntrez Gene 695852 MonkeyEntrez Gene 5899 Human
Background:	This gene encodes a GTP-binding protein that belongs to the small GTPase superfamily and Ras family of proteins. GTP-binding proteins mediate the transmembrane signaling initiated by the occupancy of certain cell surface receptors. [provided by RefSeq, Jul 2008]
Synonyms:	GTP binding protein; GTP binding protein); RAS-like protein B; v-ral simian leukemia viral oncogene homolog B; v-ral simian leukemia viral oncogene homolog B (ras related
Protein Families:	Druggable Genome
Protein Pathways:	Pancreatic cancer, Pathways in cancer

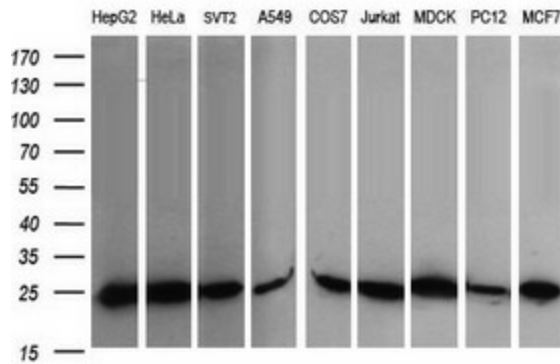


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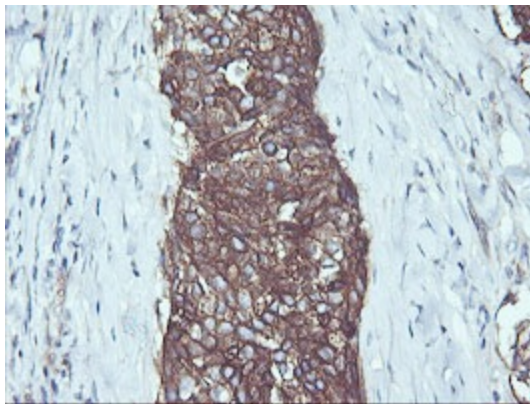
Product images:



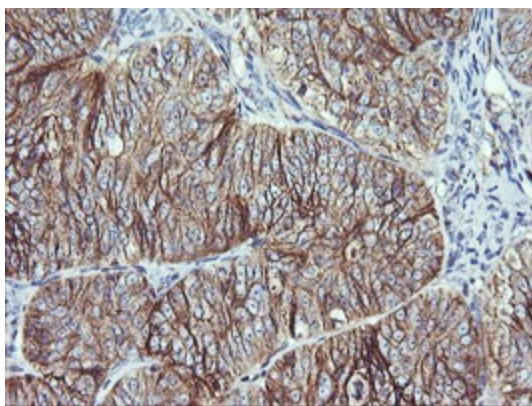
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RALB ([RC201982], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RALB. Positive lysates [LY419049] (100ug) and [LC419049] (20ug) can be purchased separately from OriGene.



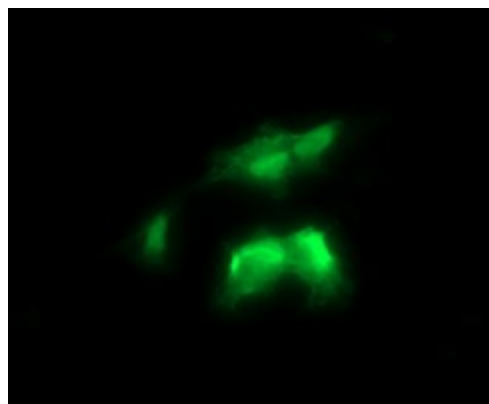
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-RALB monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-RALB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505880)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-RALB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505880)



Anti-RALB mouse monoclonal antibody (TA505880) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY RALB ([RC201982]).