

Product datasheet for TA501757

RIT2 Mouse Monoclonal Antibody [Clone ID: OTI3F4]

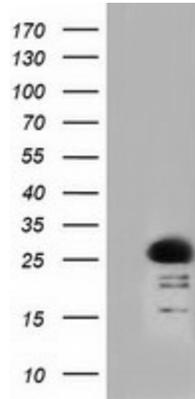
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3F4
Applications:	FC, IHC, WB
Recommend Dilution:	WB 1:500, IHC 1:150, FLOW 1:100
Reactivity:	Human, Monkey, Rat, Dog
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human RIT2 (NP_002921) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.69 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	24.5 kDa
Gene Name:	Ras like without CAAX 2
Database Link:	NP_002921 Entrez Gene 291713 RatEntrez Gene 490475 DogEntrez Gene 694050 MonkeyEntrez Gene 6014 Human
Background:	RIN belongs to the RAS (HRAS; MIM 190020) superfamily of small GTPases (Shao et al., 1999 [PubMed 10545207]). [supplied by OMIM]
Synonyms:	RIBA; RIN; ROC2

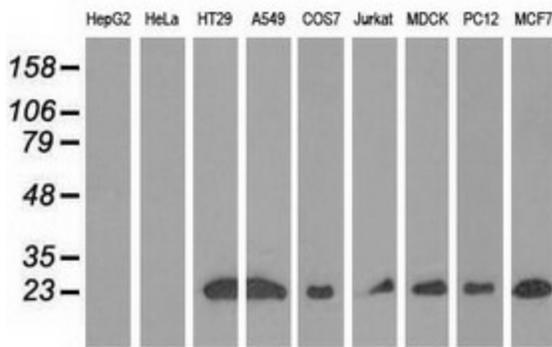


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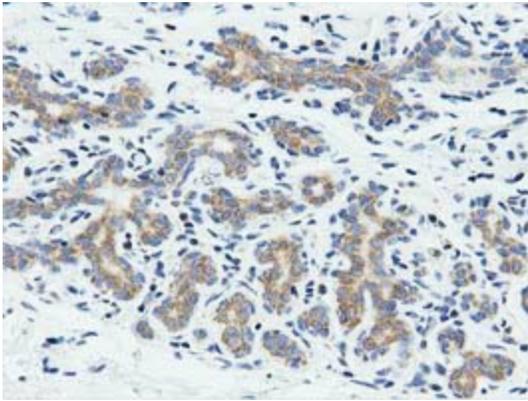
Product images:



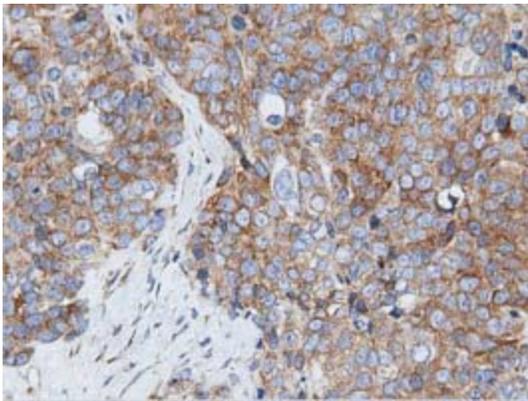
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RIT2 ([RC205367], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RIT2. Positive lysates [LY401022] (100ug) and [LC401022] (20ug) can be purchased separately from OriGene.



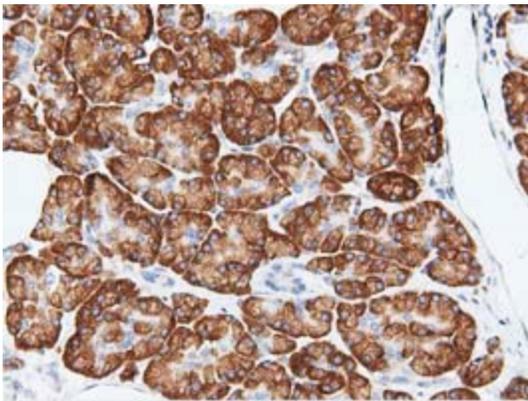
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-RIT2 monoclonal antibody.



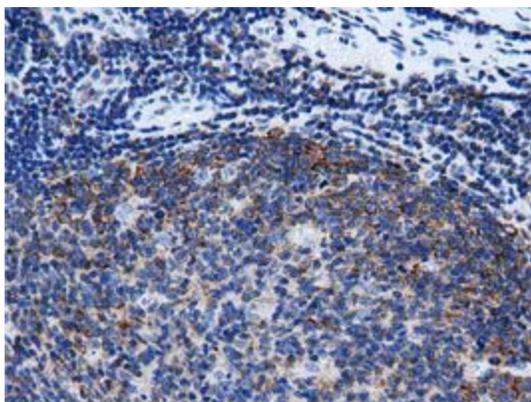
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-RIT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501757, Dilution 1:50)



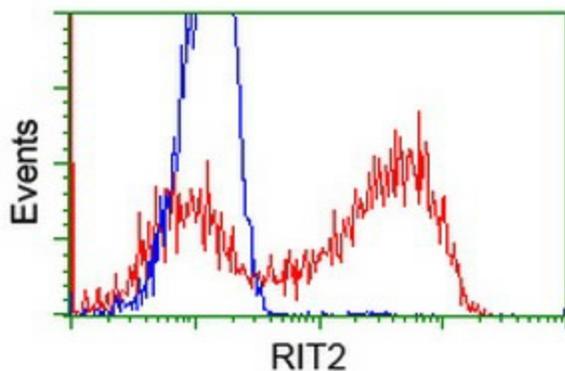
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-RIT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501757, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-RIT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501757, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-RIT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501757, Dilution 1:50)



HEK293T cells transfected with either [RC205367] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-RIT2 antibody (TA501757), and then analyzed by flow cytometry.