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Product datasheet for TA803093

RIP3 (RIPK3) Mouse Monoclonal Antibody [Clone ID: OTI2B10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2B10
Applications:	IHC, WB
Recommended Dilution:	WB 1:200 -1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 233-518 of human RIPK3 (NP_006862) produced in E.coli.
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)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56.7 kDa
Gene Name:	receptor interacting serine/threonine kinase 3
Database Link:	NP_006862 Entrez Gene 11035 Human Q9Y572

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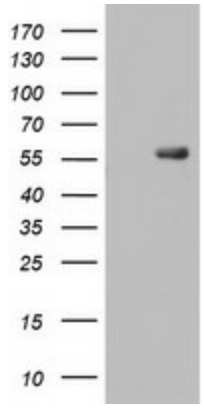
Background: The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor. [provided by RefSeq, Jul 2008]

Synonyms: RIP3

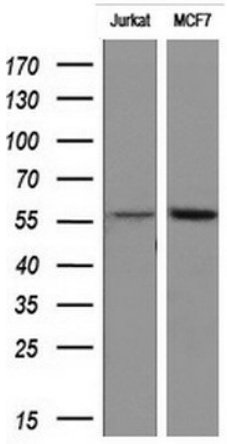
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Cytosolic DNA-sensing pathway

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RIPK3 ([RC209549], 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-RIPK3.



Western blot analysis of extracts (10ug) from 2 different cell lines by using anti-RIPK3 monoclonal antibody at 1:200.

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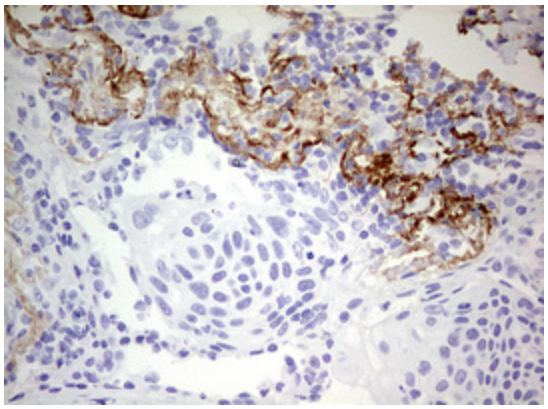
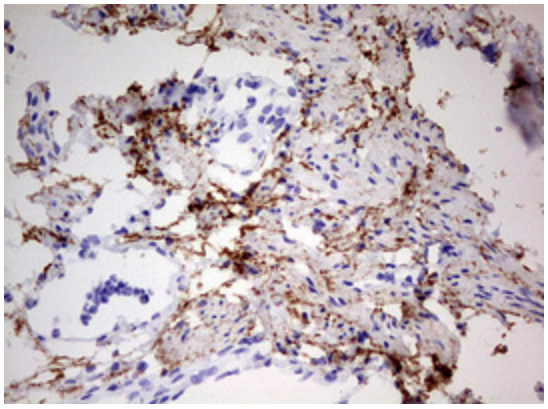


Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-RIPK3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA803093)



Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-RIPK3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA803093)

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