

Product datasheet for **TA802698**

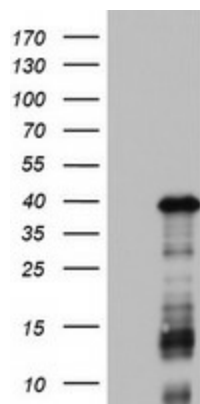
DOCK2 Mouse Monoclonal Antibody [Clone ID: OTI7G2]

Product data:

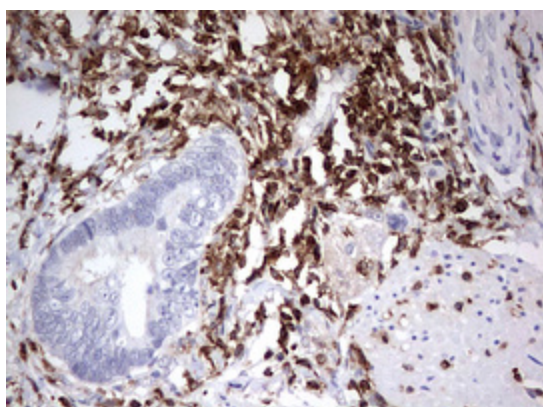
Product Type:	Primary Antibodies
Clone Name:	OTI7G2
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1544-1830 of human DOCK2 (NP_004937) produced 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)
Gene Name:	dedicator of cytokinesis 2
Database Link:	NP_004937 Entrez Gene 1794 Human
Background:	The protein encoded by this gene belongs to the CDM protein family. It is specifically expressed in hematopoietic cells, predominantly in the peripheral blood leukocytes, and is involved in remodeling of the actin cytoskeleton required for lymphocyte migration, through the activation of RAC. Mice lacking this gene show a severe impairment in the migration and homing of lymphocytes. These mutant mice also exhibited long-term survival of allografts, suggesting that this gene may be a target for controlling transplant rejection. [provided by RefSeq, Oct 2011]
Synonyms:	FLJ46592; KIAA0209
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway, Fc gamma R-mediated phagocytosis



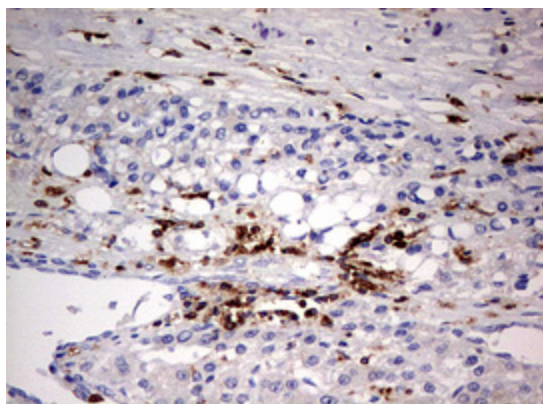
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Product images:

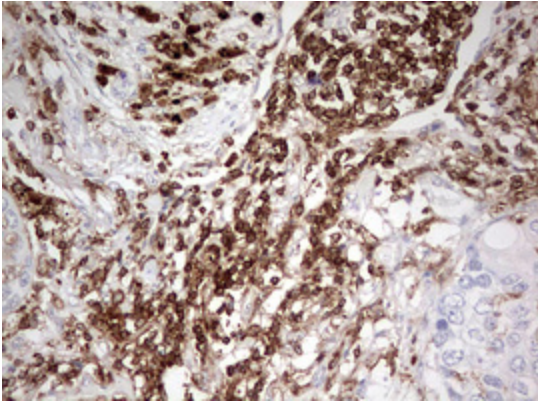
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DOCK2 [RC211198], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DOCK2.



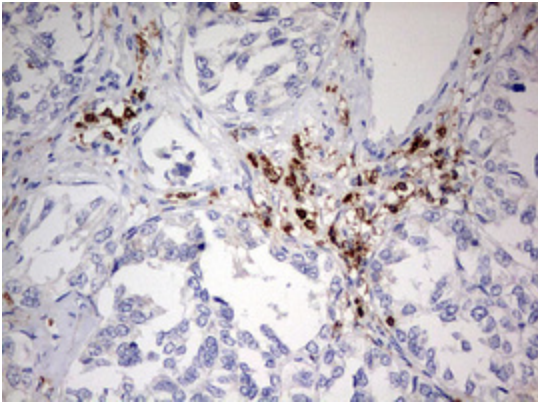
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-DOCK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA802698)



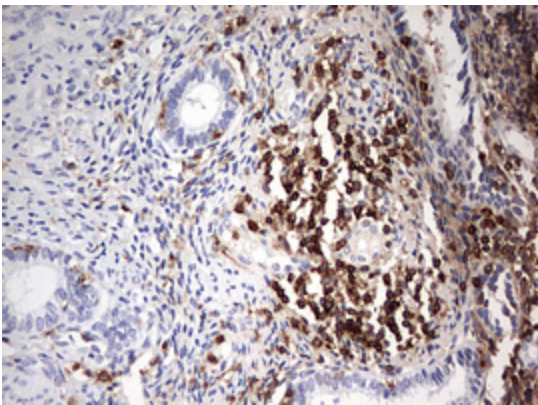
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-DOCK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA802698)



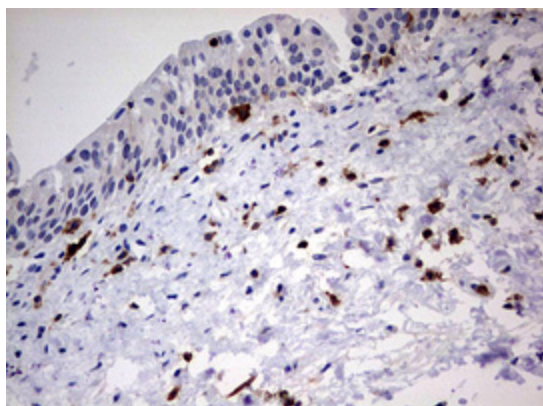
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-DOCK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA802698)



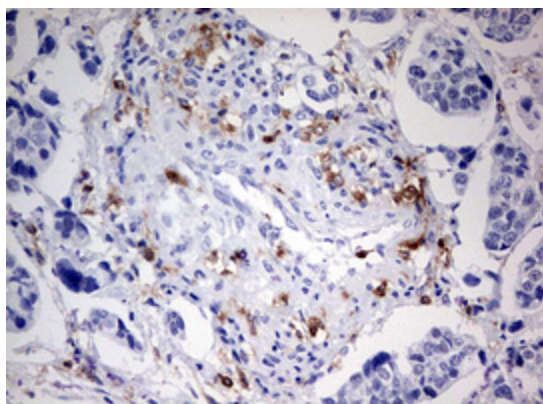
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-DOCK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA802698)



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-DOCK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA802698)



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-DOCK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA802698)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-DOCK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA802698)