

## Product datasheet for **TA505592**

### **RHOJ Mouse Monoclonal Antibody [Clone ID: OTI1D7]**

#### **Product data:**

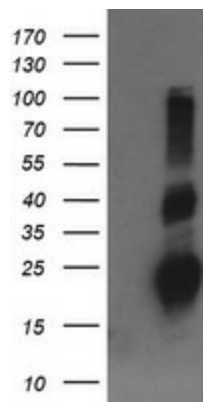
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1D7
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:2000, IHC 1:150, IF 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human RHOJ(NP_065714) produced in HEK293T cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	23.6 kDa
<b>Gene Name:</b>	ras homolog family member J
<b>Database Link:</b>	<a href="#">NP_065714</a> <a href="#">Entrez Gene 80837 Mouse</a> <a href="#">Entrez Gene 299145 Rat</a> <a href="#">Entrez Gene 57381 Human</a> <a href="#">Q9H4E5</a>
<b>Background:</b>	ARHJ belongs to the Rho family of small GTP-binding proteins. Rho proteins regulate the dynamic assembly of cytoskeletal components for several physiologic processes, such as cell proliferation and motility and the establishment of cell polarity. They are also involved in pathophysiologic process, such as cell transformation and metastasis. [supplied by OMIM]
<b>Synonyms:</b>	ARHJ; RASL7B; TC10B; TCL



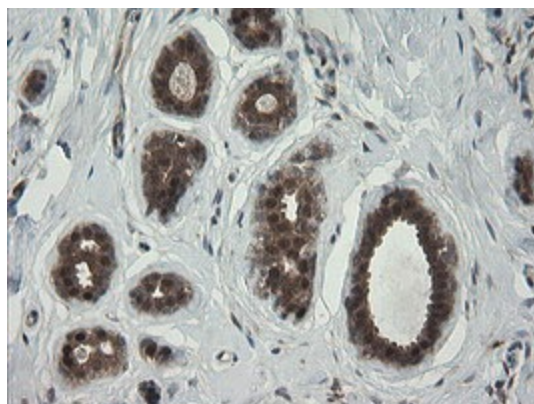
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Protein Families: Druggable Genome

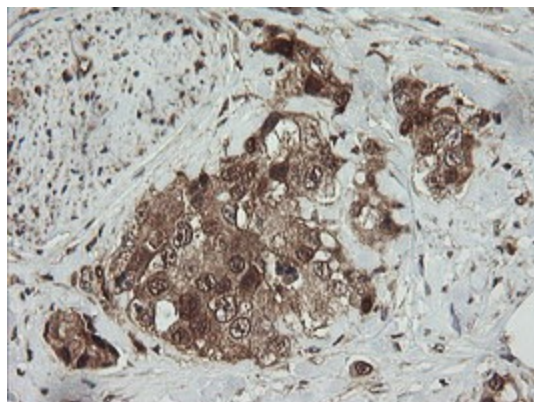
**Product images:**



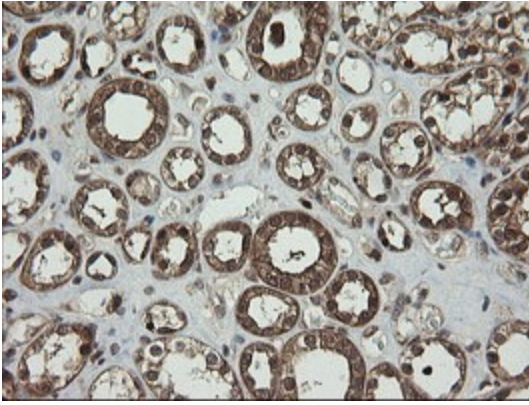
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY RHOJ (Cat# [RC209395], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RHOJ(Cat# TA505592). Positive lysates [LY412401] (100ug) and [LC412401] (20ug) can be purchased separately from OriGene.



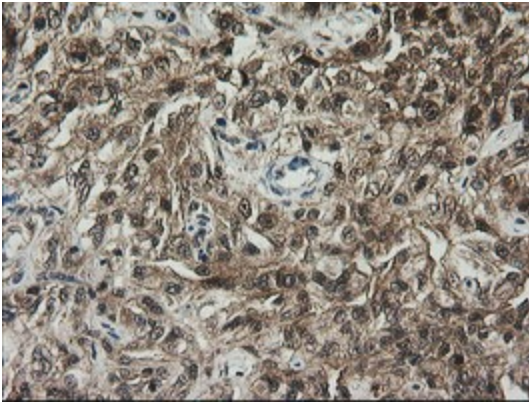
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)



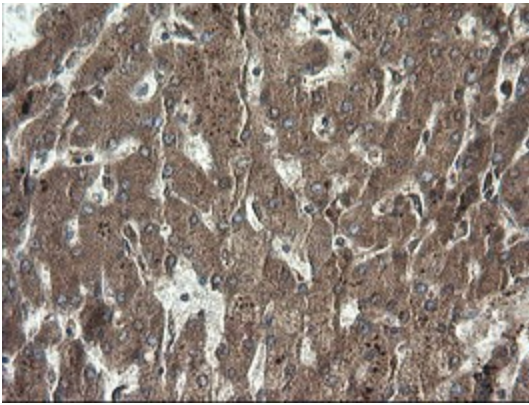
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)

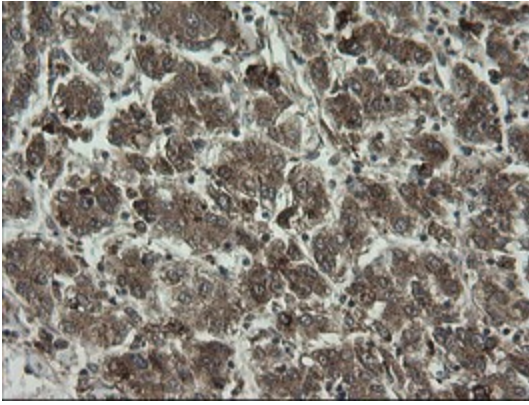


Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)

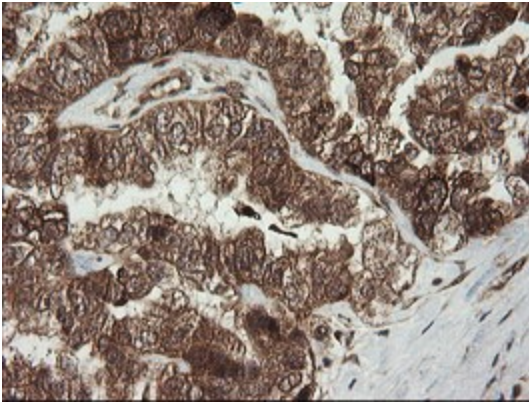


Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)

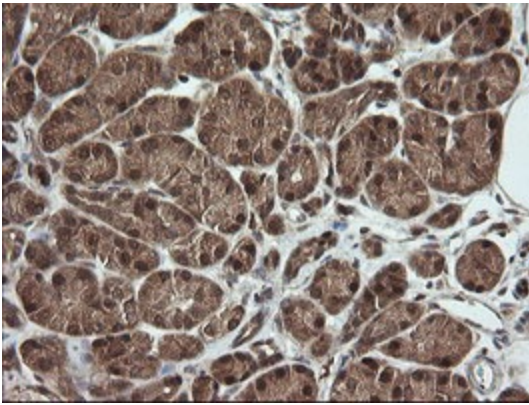




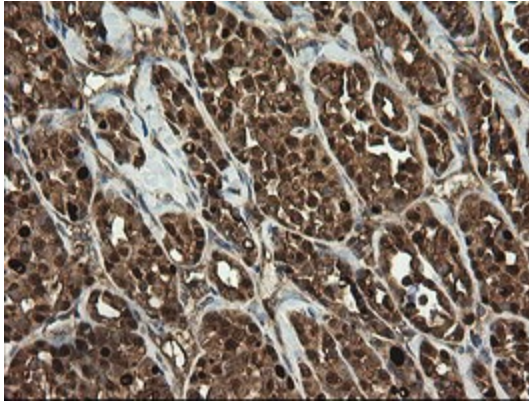
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)



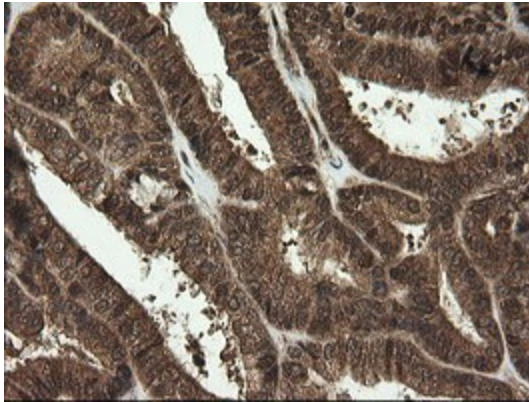
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)



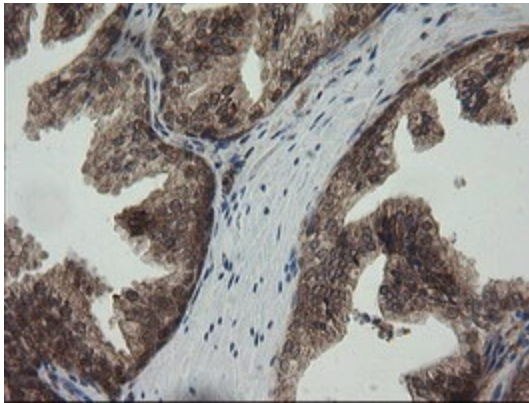
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)



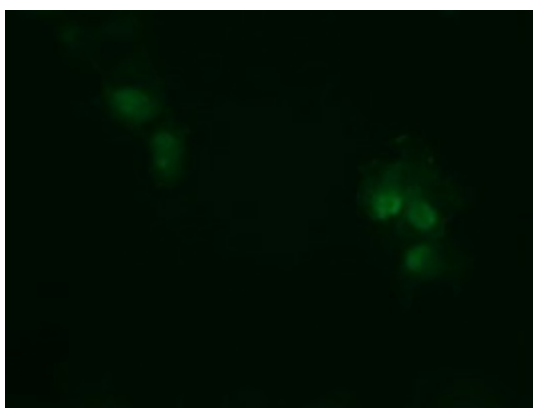
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA505592)



Anti-RHOJ mouse monoclonal antibody (TA505592) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY RHOJ ([RC209395]).