

## Product datasheet for **TA505466**

### **RHOJ Mouse Monoclonal Antibody [Clone ID: OTI2C10]**

#### **Product data:**

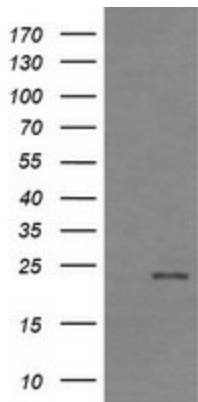
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2C10
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:2000, IHC 1:150, IF 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human 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>	This gene encodes one of the many small GTP-binding proteins in the Rho family shown to be associated with focal adhesions in endothelial cells (PMID: 21148427, 22103495). The encoded protein is activated by vascular endothelial growth factor and may regulate angiogenesis. [provided by RefSeq, Dec 2011]
<b>Synonyms:</b>	ARHJ; RASL7B; TC10B; TCL



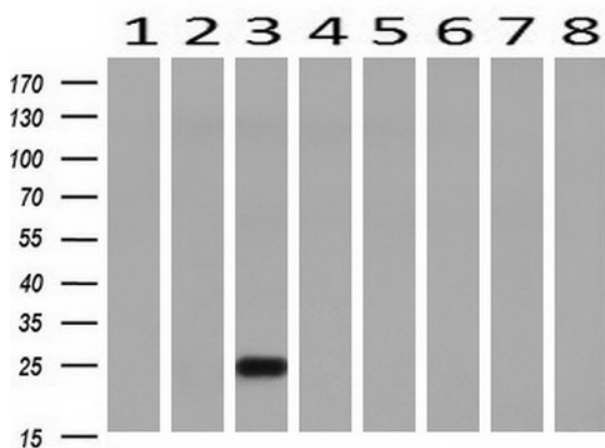
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Protein Families: Druggable Genome

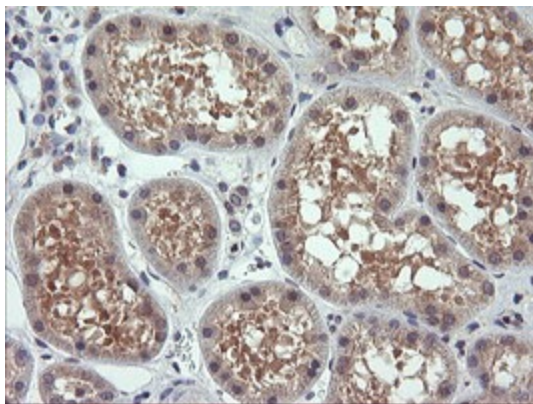
**Product images:**



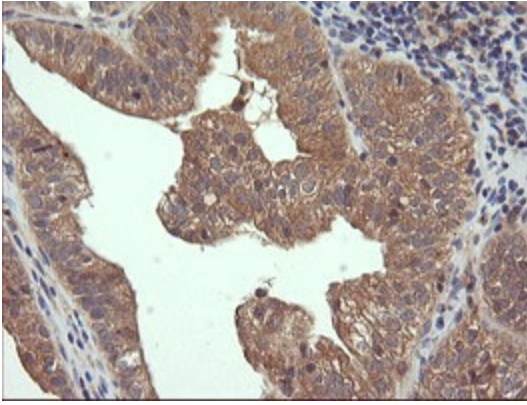
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RHOJ ([RC209395], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RHOJ. Positive lysates [LY412401] (100ug) and [LC412401]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



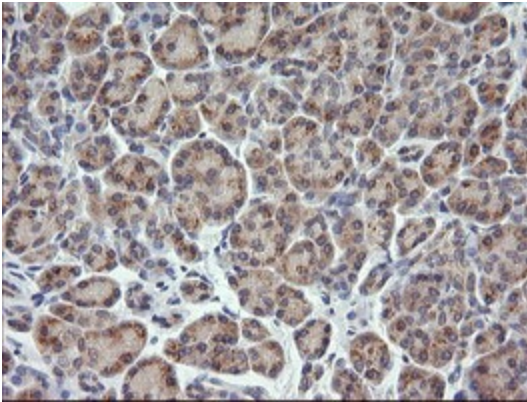
Western blot analysis of extracts (10ug) from 8 Human tissue by using anti-RHOJ monoclonal antibody at 1:200 (1: Testis; 2: Uterus; 3: Breast; 4: Brain; 5: Liver; 6: Ovary; 7: Thyroid gland; 8: Colon).



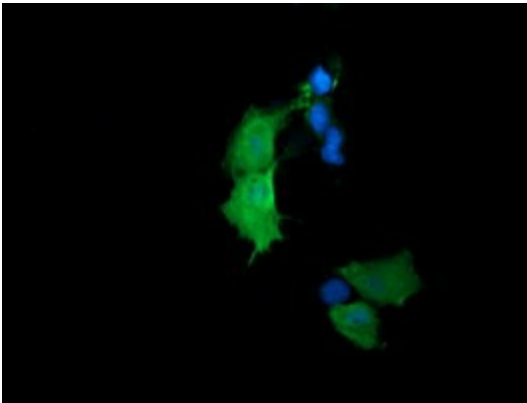
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-RHOJ mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505466)



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, 120°C for 3min, TA505466)



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, 120°C for 3min, TA505466)



Anti-RHOJ mouse monoclonal antibody (TA505466) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY RHOJ ([RC209395]).