

TCL / RHOJ Antibody (clone 1D7)
Mouse Monoclonal Antibody
Catalog # ALS16719**Specification**

TCL / RHOJ Antibody (clone 1D7) - Product Information

Application	IHC, IF, WB
Primary Accession	O9H4E5
Other Accession	57381
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Calculated MW	23821

TCL / RHOJ Antibody (clone 1D7) - Additional Information**Gene ID** 57381**Other Names**

RHOJ, ARHJ, Ras homolog family member J, TC10-like Rho GTPase, TC10B, RAS-like, family 7, member B, RASL7B, RHOF, Tc10-like GTP-binding protein, TCL

Target/Specificity

Human TCL / RHOJ

Reconstitution & Storage

PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions

TCL / RHOJ Antibody (clone 1D7) is for research use only and not for use in diagnostic or therapeutic procedures.

TCL / RHOJ Antibody (clone 1D7) - Protein Information**Name** RHOJ**Function**

Plasma membrane-associated small GTPase specifically involved in angiogenesis (PubMed:21628409, PubMed:24434213, PubMed:30158707). Required for endothelial cell migration during vascular development via its interaction with GLUL (PubMed:30158707). Elicits the formation of F-actin-rich structures, thereby regulating endothelial cell migration (PubMed:30158707).

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side Note=Localization to the plasma membrane is regulated by GLUL

Tissue Location

Specifically expressed in endothelial cells in different tissues, such as brain, heart, lung and liver

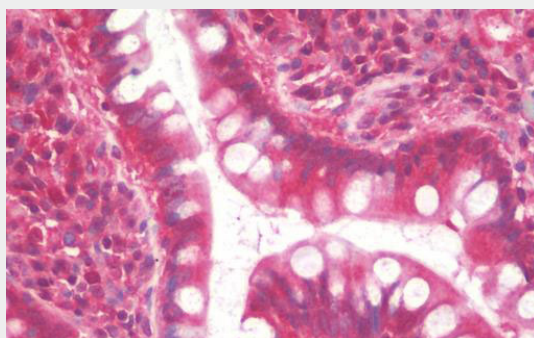
Volume

50 μ l

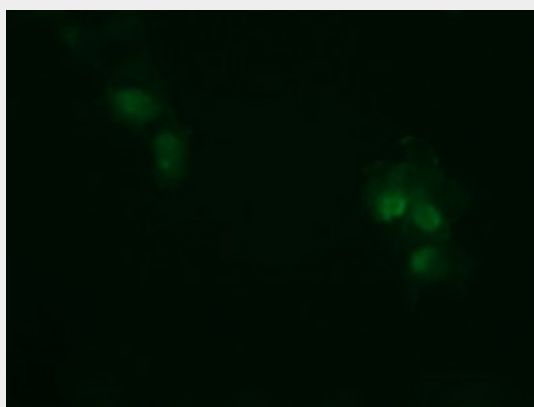
TCL / RHOJ Antibody (clone 1D7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

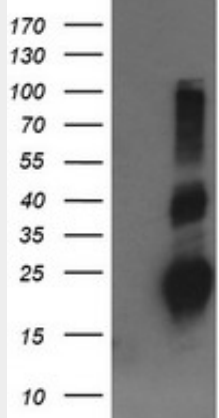
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TCL / RHOJ Antibody (clone 1D7) - Images

Anti-TCL / RHOJ antibody IHC staining of human small intestine.



Anti-RHOJ mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RHOJ...

TCL / RHOJ Antibody (clone 1D7) - Background

GTP-binding protein with GTPase activity. Elicits the formation of F-actin-rich structures in fibroblasts and is involved in the regulation of cell morphology (By similarity).

TCL / RHOJ Antibody (clone 1D7) - References

- Vignal E.,et al.J. Biol. Chem. 275:36457-36464(2000).
- Allen M.,et al.Submitted (SEP-2000) to the EMBL/GenBank/DDBJ databases.
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.