

TEK Polyclonal Antibody

Catalog No. E-AB-70162

Note: Centrifuge before opening to ensure complete recovery of vial contents.

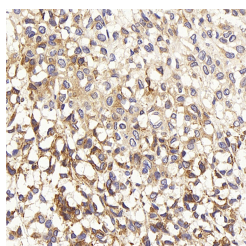
Description

Reactivity	Human, Mouse, Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Tie2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

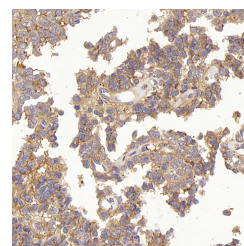
Applications Recommended Dilution

IHC 1:200-1:800

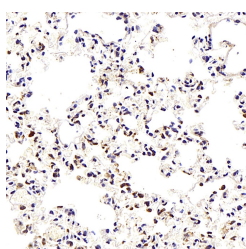
Data



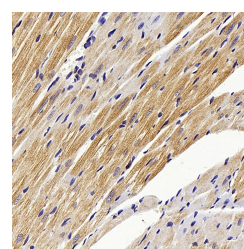
Immunohistochemistry analysis of paraffin-embedded human liver cancer using TEK Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded human stomach cancer using TEK Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded mouse lung using TEK Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded rat heart using TEK Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The TEK receptor tyrosine kinase is expressed almost exclusively in endothelial cells in mice, rats, and humans. This

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receptor possesses a unique extracellular domain containing 2 immunoglobulin-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronectin type III-like repeats. The ligand for the receptor is angiopoietin-1. Defects in TEK are associated with inherited venous malformations; the TEK signaling pathway appears to be critical for endothelial cell-smooth muscle cell communication in venous morphogenesis. TEK is closely related to the TIE receptor tyrosine kinase.