

TEK Antibody

Catalog No: #37274

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

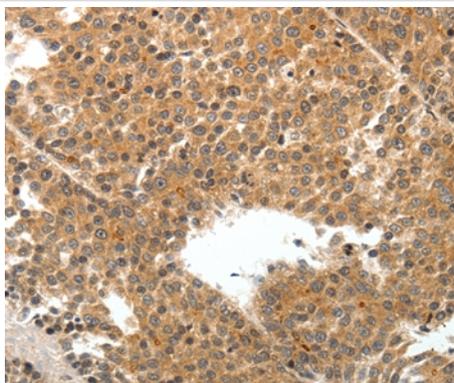
Description

| | |
|-----------------------|--|
| Product Name | TEK Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total TEK protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthetic peptide corresponding to a region derived from internal residues of human TEK tyrosine kinase, endothelial |
| Target Name | TEK |
| Other Names | TIE2; VMCM; TIE-2; VMCM1; CD202B |
| Accession No. | Swiss-Prot#: Q02763NCBI Gene ID: 7010Gene Accssion: NP_000450 |
| Uniprot | Q02763 |
| GeneID | 7010; |
| Concentration | 1.6mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol. |
| Storage | Store at -20°C |

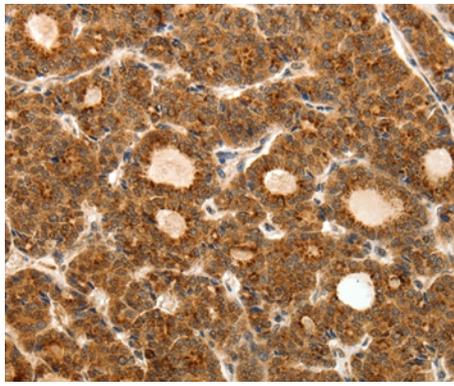
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37274 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37274 at dilution 1/50.

Background

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

Note: This product is for in vitro research use only