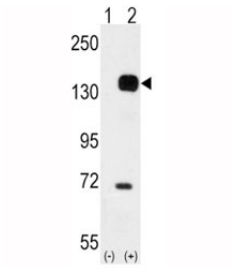
TIE2 Antibody / TEK (F50680)

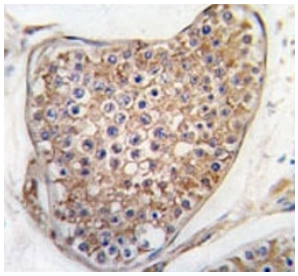
Catalog No.	Formulation	Size
F50680-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50680-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

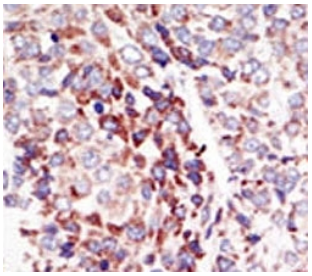
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q02763
Applications	Western blot: 1:1000 Immunohistochemistry (Paraffin): 1:50-1:100
Limitations	This TIE2 antibody is available for research use only.



Western blot analysis of TIE2 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the TEK gene (2).



IHC analysis of FFPE human testis tissue stained with TIE2 antibody



IHC analysis of FFPE human hepatocarcinoma tissue stained with the TIE2 antibody

Description

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.

Application Notes

Titration of the TIE2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 758-789 from the human protein was used as the immunogen for this TIE2 antibody.

Storage

Aliquot the TIE2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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