

## TIE1 monoclonal antibody

Catalog: MB21800

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

125kDa

### Swiss-Prot:

P35590

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000

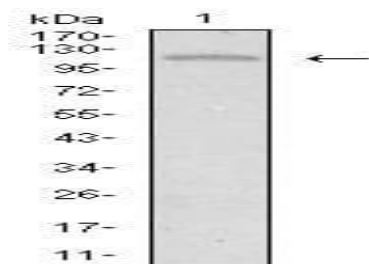
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

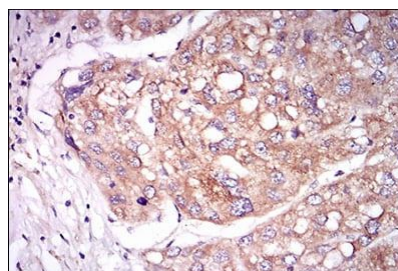
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using TIE1 mouse mAb against HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using TIE1 mouse mAb with DAB staining.

### Note:

For research use only, not for use in diagnostic procedure.

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