

recMAb™ Anti-ANGPT2 Antibody

11/20

CATALOG NO.: A2244-100 (100 µl)

BACKGROUND DESCRIPTION: This gene belongs to the angiopoietin family of growth factors. The protein encoded by this gene is an antagonist of angiopoietin 1, and both angiopoietin 1 and angiopoietin 2 are ligands for the endothelial TEK receptor tyrosine kinase. Angiopoietin 2 is upregulated in multiple inflammatory diseases and is implicated in the direct control of inflammation-related signaling pathways. The encoded protein affects angiogenesis during embryogenesis and tumorigenesis, disrupts the vascular remodeling ability of angiopoietin 1, and may induce endothelial cell apoptosis. This gene serves as a prognostic biomarker for acute respiratory distress syndrome.

ALTERNATE NAMES: ANG2, AGPT2, Angiopoietin 2, ANG-2, Tie2-Ligand, ANGPT2

ANTIBODY TYPE: Monoclonal

CLONE: 1F10

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Synthetic peptide derived from human ANGPT2

PURIFICATION: Affinity purified

FORM: Liquid

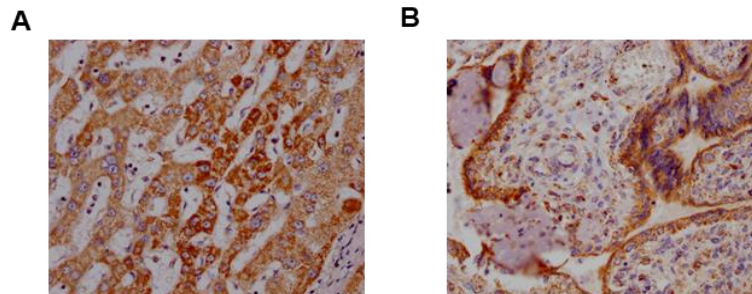
FORMULATION: In PBS, pH 7.4, 150 mM NaCl, 50% glycerol, 0.02% sodium azide

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -20°C. Avoid freeze/thaw cycles

APPLICATIONS AND USAGE: IHC 1:50-1:200

This information is only intended as a guide. The optimal dilutions must be determined by the user



Immunohistochemical analysis of paraffin-embedded human liver cancer (A) and human placenta (B) tissue was performed using recMAb™ Anti-ANGPT2 antibody at a dilution of 1:100. After dewaxing and hydration, the section was subjected to antigen retrieval in a citrate buffer (pH 6.0). The tissue section was blocked with 10% normal goat serum for 30 min at RT, and then incubated with primary antibody (1% BSA) at 4°C overnight. HRP-conjugated Goat anti-rabbit IgG was used as secondary antibody and visualization was done using 0.05% DAB.

RELATED PRODUCTS:

ANGPT1 Antibody (CT) (6760)
 Anti-ER-alpha Antibody (A2016)
 VEGF Antibody (5365)
 AKT1 Antibody (CT) (6744)

FOR RESEARCH USE ONLY. Not for medical diagnosis.

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