
Tetranectin (5B7) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250350

Unit: 0.2 mg

Description:

Tetranectin (TN) is a serum and tissue protein, a C-type lectin, which binds to Ca^{++} . It is a homotrimer of monomers each with a mass of 20 kDa, plasma or serum concentrations of TN are found to be approximately 10 mg/l. In vitro, TN can bind to kringle 4 of plasminogen and enhance the activation of plasminogen to plasmin, catalyzed by tissue plasminogen activator in the presence of poly-D-lysine. TN is best known as a prognostic marker in ovarian cancer. This antibody is specific for amino acids 17-181 of human tetranectin monomer.

Isotype: Mouse IgG2a/k

Applications: E, WB, IHC

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: TN; C-type lectin domain family 3 member B; Plasminogen kringle 4-binding protein

Accession No.: P05452

Antigen: Tetranectin purified from human citrate plasma (3) and coupled to PPD. Boosted before fusion with recombinant tetranectin produced in *E. coli*.

Application Notes: Product Cat. No. 250350 reacts strongly with TN monomer in western blot. Product Cat. No. 250350 is used as detection antibody in combination with Product Cat. No. 250352 in sandwich ELISA, but reacts poorly in sandwich ELISA in combination with a polyclonal antibody against tetranectin. The antibody gives a strong signal for TN in immunohistochemistry on both fresh frozen and paraffin-embedded tissues. E: 1:25; WB: 1:100; IHC: 1:40

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.