
Glycoprotein-340 (5D7) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250389

Unit: 0.2 mg

Description:

Glycoprotein-340 is member of the scavenger receptor superfamily and has been identified as a putative SP-D receptor. Gp-340 has been shown to bind SP-D in a calcium dependent manner through a protein-protein interaction. Like SP-D, gp-340 is mainly found in lung tissue and immunohistochemistry revealed high expression in alveolar macrophages. An identical protein is present in saliva (salivary agglutinin) and both forms are encoded by the gene DMBT1. This antibody is specific for gp-340, but reacts with a carbohydrate epitope and cross-reacts with saliva MUC7 in immunohistochemistry.

Isotype: Mouse IgG1/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: Deleted in malignant brain tumors 1 protein; Glycoprotein 340; Gp-340; Surfactant pulmonary-associated D-binding protein; Hensin; DMBT1; GP340

Accession No.: Q9UGM3

Antigen: Native gp-340 purified from bronchioalveolar lavage from proteinosis patients

Application Notes: Product Cat. No. 250389 reacts strongly in western blot with gp-340 in both reduced and non-reduced forms. The antibody reacts in ELISA with gp340 directly coated onto the microtiter well. E: 1:60,000; WB: 1:1,000; IHC: 1:50

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.