

CD227 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251392

Unit: 0.1 mg

Description:

CA15-3 (MUC-1) is a type I transmembrane protein expressed in the apical membrane of highly polarized epithelial cells. CA15-3 is also overexpressed in epithelial tumors, such as breast or ovarian cancer. CA15-3 is composed of alpha and beta subunits. The alpha subunit has cell adhesive properties, whereas the beta subunit modulates signaling in the SRK, ERK, and NF-kappa B pathways. CA15-3 is used as a serological clinical marker of breast cancer to monitor response to breast cancer treatment and disease recurrence.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

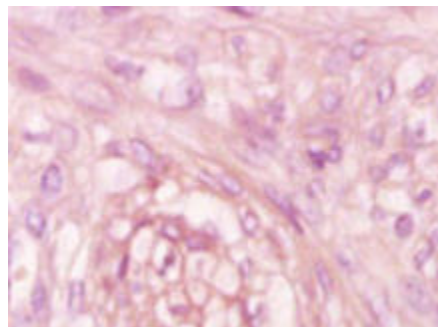
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: CA15-3; CA15.3; CA153; Carbohydrate antigen 15-3; Cancer antigen 15-3; Mucin-1; MUC-1; Polymorphic epithelial mucin; PEM; PEMT; Episialin; Tumor-associated mucin; Carcinoma-associated mucin; Carcinoma-associated mucin; Tumor-associated epithelial membrane antigen; EMA; H23AG; Peanut-reactive urinary mucin; PUM; Breast carcinoma-associated antigen DF3; CD227; MUC1; PUM; Krebs von den Lungen-6; KL-6

Accession No.: P15941

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD227.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



CD227 staining in human breast. Formalin-fixed paraffin-embedded human breast tissue is stained with CD227 Antibody (Cat. No. 251392) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

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