

CGP-39 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251464

Unit: 0.1 mg

Description:

CGP-39 (Chitinase-3-like protein 1) is a carbohydrate-binding lectin with a preference for chitin. CGP-39 plays a role in defense against pathogens and in tissue remodeling. CGP-39 plays an important role in the capacity of cells to respond to and cope with changes in their environment. A genetic variation in CGP-39 is associated with susceptibility to asthma-related traits type 7 (ASRT7).

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

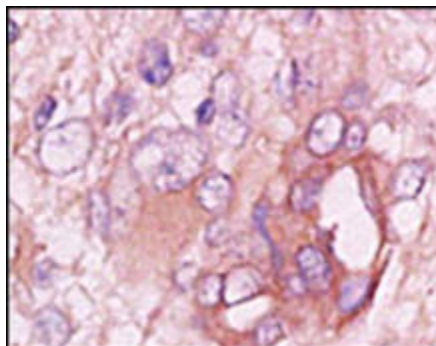
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: YKL-40; Cartilage glycoprotein 39; hCGP-39; Chitinase-3-like protein 1; CGP-39; GP-39; 39 kDa synovial protein; CHI3L1

Accession No.: P36222

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of rat CGP-39.

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



CGP-39 staining of endometrium carcinoma. Paraffin-embedded human endometrium carcinoma tissue is stained with CGP-39 Antibody (Cat. No. 251464) used at 1:300 dilution ON at 4°C. Tissue is fixed with 4% paraformaldehyde and antigen retrieval protocol consists in boiling for 15 min in 0.01M citrate buffer, pH6.0.

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.