

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

SIGLEC5 RABBIT PAB

Cat.#: S217256

Product Name: Anti-SIGLEC5 Rabbit Polyclonal Antibody **Synonyms:** CD170; OBBP2; CD33L2; OB-BP2; SIGLEC-5 **UNIPROT ID:** O15389 (Gene Accession - BC029896)

Background: This gene encodes a member of the sialic acid-binding immunoglobulin-like lectin

(Siglec) family. These cell surface lectins are characterized by structural motifs in the

immunoglobulin (Ig)-like domains and sialic acid recognition sites in the first Ig V set domain. The encoded protein is a member of the CD33-related subset of Siglecs and inhibits the activation of several cell types including monocytes, macrophages and neutrophils. Binding of group B

Streptococcus (GBS) to the encoded protein plays a role in GBS immune evasion.

Immunogen: Fusion protein of human SIGLEC5

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

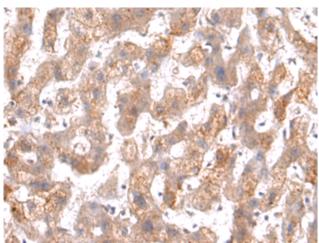
Research Areas: Immunology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

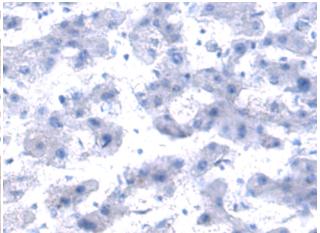


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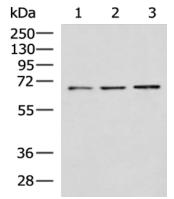
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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217256(SIGLEC5 Antibody) at a dilution of 1/55(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217256(Anti-SIGLEC5 Antibody) at dilution 1/55.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane 1-3: Jurkat cell, Mouse liver tissue, LO2 cell lysates;

Primary antibody: 217256(SIGLEC5 Antibody)

at dilution 1/700;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 2 minutes