

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CD1B RABBIT PAB

Cat.#: S221695

Product Name: Anti-CD1B Rabbit Polyclonal Antibody

Synonyms: R1; CD1; CD1A

UNIPROT ID: P29016 (Gene Accession - NP_001755)

Background: This gene encodes a member of the CDI family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CDI proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CDI family genes organized in a cluster on chromosome 1. The CDI family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail, and requires vesicular acidification to bind lipid antigens.

Immunogen: Synthetic peptide of human CDIB

Applications: ELISA, IHC

Recommended Dilutions: IHC: 30-150; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

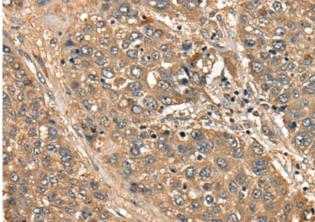
Purification: Antigen affinity purification

Species Reactivity: Human

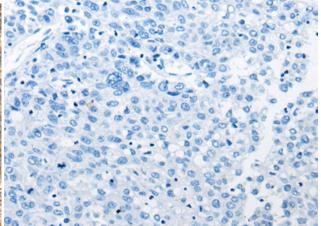
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Immunology

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



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221695(CD1B Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221695(Anti-CDIB Antibody) at dilution 1/30.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010