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CD20L/MS4A3 Rabbit pAb

Catalog # AP98174

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q96HJ5
Other Accession	Q96HJ5
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22933
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MS4A3/CD20L
Epitope Specificity	51-150/214
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the MS4A family.
SUBUNIT	Interacts with CDKN3. Interacts with CDKN3-CDK2 complexes through its binding to CDKN3; this interaction facilitates dissociation of cyclin A from CDKN3-CDK2 complexes.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MS4A3 is a member of the membrane-spanning 4A gene family and displays unique expression patterns among hematopoietic cells and nonlymphoid tissues. MS4A3 is likely to play a role in signal transduction and may function as a subunit associated with receptor complexes. Alternative splicing may result in multiple transcript variants; however, not all variants have been fully described.

Additional Information

Gene ID	932
Other Names	CD20L; HTM4; MS4A3_HUMAN; MS4A3; CD20 antigen-like protein; Hematopoietic-specific transmembrane protein 4 (HTm4); membrane spanning 4-domains A3; membrane-spanning 4-domains, subfamily A, member 3 (hematopoietic cell-specific)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MS4A3
Synonyms	CD20L, HTM4
Function	Hematopoietic modulator for the G1-S cell cycle transition. Modulates the level of phosphorylation of cyclin-dependent kinase 2 (CDK2) through its direct binding to cyclin-dependent kinase inhibitor 3 (CDKN3/KAP).
Cellular Location	Endomembrane system; Multi-pass membrane protein. Cytoplasm, perinuclear region. Note=Located in the perinuclear area
Tissue Location	Expressed specifically in hematopoietic cells and tissues

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.