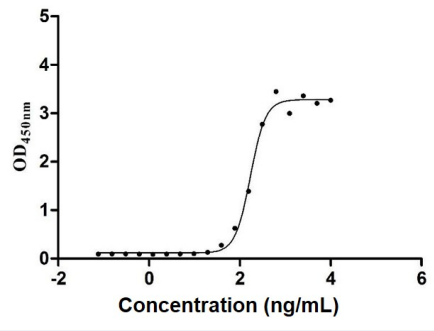
Bioactive Full-Length

MS4A1 (Dog) Recombinant Protein

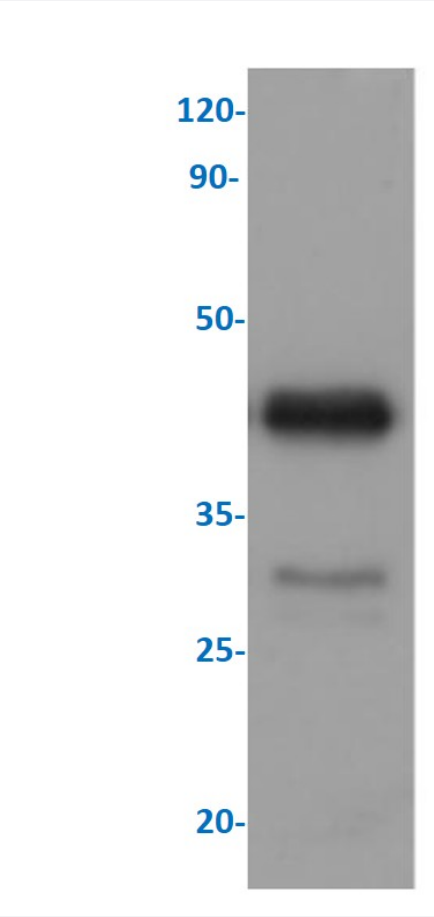
Catalog # P10951 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Measured by its binding ability in a functional ELISA. Immobilized Dog CD20 at 10 ug/mL can bind Anti-CD20 recombinant antibody, the EC_{50} is 147.3-199.0 ng/mL.



Western Blot

MS4A1 (Dog) Recombinant Protein is detected by Mouse anti-6*His monoclonal antibody.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

HPLC

The purity of VLPs was greater than 90% as determined by SEC-HPLC

Specification

Product Description	Dog MS4A1 (Q3C2E2 Met1-Pro297) full-length recombinant protein expressed in Mammalian cells.
Transfected Cell Line	HEK293
Sequence	MTTPRNSMSGTLPVDPMKSPTAMYPVQKIIPKRMPSVVGPTQNFFMRESKTLGAVQIMNGLFHIAL GSLLMIHTDVCAPICITMWYPLWGGIMFIISGSLLAAADKNPRKSLVKGKMIMNSLSLFAAISGIIFLIM DIFNITISHFFKMENLNLIKAPMPYVDIHNCDPANPSEKNSLSIQYCGSIRSVFLGVFAVMLIFAFFQK LVTAGIVENEWKKLCSKPKSDVVVLLAAEEKKEQPIETTEEMVELTEIASQPKKEEDIEIIPVQEEE GELEINFAEPPQEQESSPIENDSIP
Host	Dog
Theoretical MW (kDa)	34.4
Form	Lyophilized
Preparation Method	Mammalian cell expression system
Purity	> 90% by SEC-HPLC
Endotoxin Level	< 1 EU per 1 ug by the LAL method.
Activity	The EC_{50} was 147.3-199 ng/mL determined by ELISA.
Recommend Usage	ELISA WB HPLC
Storage Buffer	Lyophilized from PBS, 6% Trehalose, pH 7.4.
Storage Instruction	Store at -80°C for 12 months. Store working aliquots at 4°C for one week. Aliquot to avoid repeated freezing and thawing.

Applications

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Enzyme-linked Immunoabsorbent Assay

  Measured by its binding ability in a functional ELISA. Immobilized Dog CD20 at 10 ug/mL can bind Anti-CD20 recombinant antibody, the EC_{50} is 147.3-199.0 ng/mL.

- Western Blot

  MS4A1 (Dog) Recombinant Protein is detected by Mouse anti-6*His monoclonal antibody.

Gene Info — MS4A1

Entrez GeneID	485430
Protein Accession#	Q3C2E2
Gene Name	MS4A1
Gene Alias	CD20
Gene Description	membrane-spanning 4-domains, subfamily A, member 1
Gene Ontology	Hyperlink
Gene Summary	-
Other Designations	-

Copyright © 2023 Abnova Corporation. All Rights Reserved.