

AibGenesis™ Mouse Anti-ITGA2B Antibody (CBMOAB-00137FYA)

Cat. No.: CBMOAB-00137FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	F00137FYA
Specificity	This antibody binds to Dog ITGA2B and has cross reactivity with Cat, Mink, Ferret.
Format	Liquid or Lyophilized
Buffer	PBS
Storage	Store at 4°C: short-term (1-2weeks) Store at -20°C: long-term and future use

Application-Information

Application	FC
Application Notes	Assay-dependent

Target

Introduction	This gene encodes a member of the integrin alpha chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet -type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia. (From NCBI)
Product Overview	Mouse Anti-Dog ITGA2B (clone F00137FYA) Antibody (CBMOAB-00137FYA) is a Mouse antibody against the ITGA2B. It can be used for ITGA2B detection in Flow Cytometry.

Sub Cat	Clonal ity	Species Reactivity	Applica tion	Clone	Conjugate	Size
CBMOAB-00 Monocl 155FYA	onal	Dog (<i>Canis lupus familiaris</i>), Cat (<i>Felis catus</i>), Mink (<i>Martes</i>), Ferret (<i>Mustela putorius furo</i>)	FC	F00155F YA	Unconjugated; also available for Biotin; HR P; FITC and other labeled form.	100 µg
CBMOAB-81 Monocl 228FYA	onal	Zebrafish (<i>Danio rerio</i>)	WB, ELISMO8122 A	Unconjugated; also available for Biotin; HR 8FYA	P; FITC and other labeled form.	100 µg

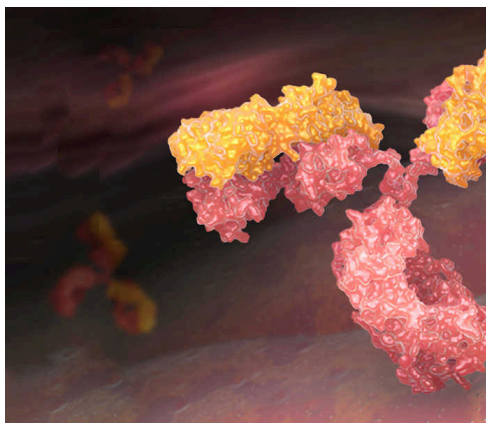
Protein Refseq: The length of the protein is 1037 amino acids long.

The sequence is show below: MDKKLEFSLFLSILFTNHIRGFNLDLNQYTVFSGPEDSYFGFSVDFYQSSSKSVSVVVGAPRANTNQSGVSHG
GSVFMCPWATRGQSC QTLNFDQKGDENITFGNMLLMAHKSQWLGLASVRTYNNYLACAPLFHWNVLVDQEEAMNTPVGNCQLLNMKTGELA
NYAPCREEYVYAI YTRGYPDRRYCEAGFTTDTKNGRVVLGAPGGYYFQGQIITASLVNIMSSGSSFTPKHSMNGETKTPQRRDYYDLYLGYSVA
AGKFNNNDN IPDYVVGVPNDLHTAGSVKIINGATVPLQIMKAISGTQIASYFGHSAVTDINRDGWDDILIGAPLFMEQLSTQKFREVGQVYVYLQRN
D FFSASRPNQILAGTYAYGRFGSAIAPLGLDLHDGFNDVAVGAPGSVDGGKVFYILGKSGGLSTQYVQVIESPFRSLIDPPMFGFSIRGGT DIDDN
GYPDLIIGAWGASKVVYTRAQAVVRTQARLSFFPDLLNPEDKFCQLQSGTYITCFTIMACIRVSGHRIPQQIVFNTLQLDRMK QSMARRTLLLD
SNQPYTNFQISVDRNSRDVCRNFTAYLLPEFKDKLSPIFISVNYSLADSQNAVLHGQSVAVGQTRIILNCGPDNVCIPD LQLKAVTSTEPILIGDENP
ALLIEAENQGEAYETELYISPPANTHYQGVLSNHEDFSALVCGQKKENGSVIVVCDLGNPLEAGQQLKA GLYFSMGDLEQVENHITFQMQRISK
NSQNSDSNLVQLQVNVTAVASLEMRGVSSPDCVLPISKWESKDYPEDLDEVGLIEHVEYELNR GPSPVNVKLTLEFPVSQNESYLLYVFANAS
EELISCQTDYANIDPRRLVKQESTNITVAEVHHFNKRDL SQKTENEQQWQHTVHVNCSSE EQCVVFDCAAGLQRDERAIVRMSRLWVQTFLK
RPYVNYVLHSTAHEVMNVPSKIQPDVLP TGKAETHTKIWRSPDGQEEVPLWWIV VSIVAGLLLLAALSTIFWKMGFFKRNRPPSDNDDDDDDDD
VTQQLNGD.

MO-AB-1431 Monocl 6R	onal	Cattle (<i>Bos taurus</i>)	WB, ELISMO1431 A	Unconjugated; also available for Biotin; HR 6R	P; FITC and other labeled form.	100 µg
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Protein Refseq: The length of the protein is 1034 amino acids long.

The sequence is show below: MARALCLLRALWLEWVQLLLGPGAMPPTWALNLDVQFTVYTGPNGSHFGFSLDFYKNSNGSVYVVGAPRT
LGHSEETGGVFLCPWK AEGGQCISLPFDLYDETRSIGTQTFQTFKAGQGLGASVVSWRDSIVACAPWQHWNVLDRNEEEAQKTPVGGCFVA
QLQNGDRTEYSPCRD NKMSQFYERNHFRDDRRRYCEAGFSSVVTQAGELVLGAPGGYYFVGLLARAPIADISSYRPSTLLWHVPTQFTYD.



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.