

Product Information

Recombinant Anti-Human ITGA3 Single Domain Antibody

Cat. No.: **NAB-L115**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Single Domain Antibody to human ITGA3.

Antigen Description

Integrin alpha-3/beta-1 is a receptor for fibronectin, laminin, collagen, epiligrin, thrombospondin and CSPG4. Alpha-3/beta-1 may mediate with LGALS3 the stimulation by CSPG4 of endothelial cells migration.

Specific Activity

Tested positive against native human antigen.

Target

ITGA3

Immunogen

The details of the immunogen for this antibody are not available.

Source

llama

Species Reactivity

Human

Type

llama Single Domain Antibody

Expression Host

E.coli

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[ITGA3 integrin, alpha 3 \(antigen CD49C, alpha 3 subunit of VLA-3 receptor\) \[Homo sapiens \]](#)

Official Symbol

ITGA3

Synonyms

ITGA3; integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor); antigen identified by monoclonal J143 , MSK18; integrin alpha-3; CD49c; GAP B3; VCA 2; VLA3a; FRP-2; galactoprotein B3; VLA-3 subunit alpha; CD49

antigen-like family member C; antigen identified by monoclonal J143; very late activation protein 3 receptor, alpha-3 subunit; VL3A; CD49C; GAPB3; MSK18; VCA-2; GAP-B3; FLJ34631; FLJ34704;

Gene ID

[3675](#)

mRNA Refseq

[NM_002204](#)

Protein Refseq

[NP_002195](#)

MIM

[605025](#)

UniProt ID

P26006

Chromosome Location

17q21.33

Pathway

Arf6 trafficking events, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Basigin interactions, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Dilated cardiomyopathy, organism-specific biosystem;

Function

protein binding; receptor activity;