

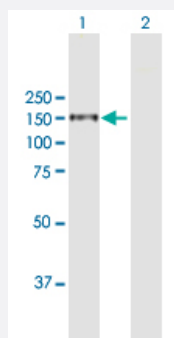
MaxPab®

ITGA4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003676-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ITGA4 expression in transfected 293T cell line ([H00003676-T01](#)) by ITGA4 MaxPab polyclonal antibody.

Lane 1: ITGA4 transfected lysate(113.52 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ITGA4 protein.

Immunogen

ITGA4 (AAI56713.1, 1 a.a. ~ 1032 a.a) full-length human protein.

Sequence

MAWEARREPGPRRAAVRETVMALLCLGVPTGRPYNVDTESALLYQGPHNTLFGYSVVLHSHGAN
RWLLVGAPTANWLANASVINPGAIYRCRIGKNPGQTCEQLQLGSPNGEPCGKTCLEERDNQWL
VTLSRQPGENGSIIVTCGHRWKNIFYIKNENKLPTGGCYGVPPDLRTELSKRIAPCYQDYVKKFGEN
FASCQAGISSFYTKDLIVMGAPGSSYWTGSLFVYNITTNYKAFLDKQNQVKFGSYLGYSVGAGHF
RSQHTTEVVGGAPQHEQIGKAYIFSIDEKELNILEMHKGGKLGSYFGASVCAVDLNADGFSDLLVG
APMQSTIREEGRVFVYNSGSGAVMNAMEINLVGSDKYAARFGESVNLGDIDNDGFEDVAIGAPQ
EDDLQGAMYNIGRADGISSTFSQRIEGLQISKSLSMFGQSISGQIDADNNGYVDVAVGAFRSDSAV
LLRTRPVVVDASLSHPESVNRTKFDCVENGWPSVCIDLTLCSYKGEVPGYMLFYNMSLDVNR
KAESPFRFYFSSNGTSDVITGSIQVSSREANCRTHQAFMRKDVRDILTPIQIEAAYHLGPHVSKRST
EEFPPLQPILOKQKKEKDIMKKTINFARCAHENC SADLQVSAKIGFLKPHENKTYLAVGSMKTLML
NVSLFNAGDDAYETTLHVKLPGVLYFIKILEEEKQINCEVTDNSGVVQLDCSIGYYVDHLSDISF
LLDVSSLSRAEEDLSITVHATCENEEEMDNLKHSRVTVAIPLKYEVLTVHGFVNPTSFVYGSNDE
NEPETCMVEKMNLTFHVINTGNSMAPNVSVIIMVNSFSPQTDKLFNILDVQTTTGECHFENYQR
VCALEQQKSAMQTLKGIVRFLSKTDKRLLYCIKADPHCLNFCNFGKMESGKEASVHIQLEGRPSI
LEMDETSALKFEIRATGFPEPNPRVIELNKDENVAHVLLLEGLHHQRPKRYFTMIISSSLLLGLMILLI
SYVMWKAGFFKRQYKSILQEENRRDSWSYNSKSNDD

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — ITGA4

Entrez GeneID	3676
GeneBank Accession#	BC156712.1
Protein Accession#	AA156713.1
Gene Name	ITGA4
Gene Alias	CD49D, IA4, MGC90518
Gene Description	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
Omim ID	192975
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the integrin alpha chain family of proteins. Integrins are hetero dimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an alpha 4 chain. Unlike other integrin alpha chains, alpha 4 neither contains an I-domain, nor undergoes disulfide-linked cleavage. Alpha 4 chain associates with either beta 1 chain or beta 7 chain. [provided by RefSeq]

Other Designations

269C wild type|antigen CD49D, alpha-4 subunit of VLA-4 receptor|integrin alpha 4|integrin alpha-4 subunit|very late activation protein 4 receptor, alpha 4 subunit

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hematopoietic cell lineage](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Multiple Sclerosis](#)
- [Neurogenic Inflammation](#)
- [Tobacco Use Disorder](#)