

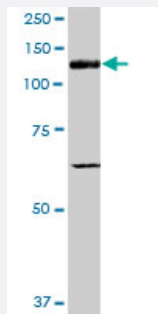
MaxPab®

ITGAV MaxPab mouse polyclonal antibody (B01)

Catalog # H00003685-B01

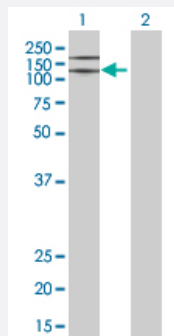
Size 50 uL

Applications



Western Blot (Cell lysate)

ITGAV MaxPab polyclonal antibody. Western Blot analysis of ITGAV expression in U-2 OS.



Western Blot (Transfected lysate)

Western Blot analysis of ITGAV expression in transfected 293T cell line ([H00003685-T01](#)) by ITGAV MaxPab polyclonal antibody.

Lane 1: ITGAV transfected lysate(115.28 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

ITGAV (NP_002201, 1 a.a. ~ 1048 a.a) full-length human protein.

Sequence	MAFPPRRRLRLGPRGLPLLLSGLLLPLCRAFNLVDVSPA EYSGPEGSYFGFAVDFFVPSASSQM FLLVGAPKANTTQPGMEGGQVLKCDWSSTRRCQPIEFDATGNRDYAKDDPLEFKSHQWFGASV RSKQDKILACAPLYHWRTEMKQEREPVGTCTFLQDGTKEVYAPCRSQDIDADGGGFCQGGFSID FTKADRVLLGGPGSFYWQQLISDQVAEIVSKYDPNVYSIKYNNQLATRTAQAIFFDDSYLGYSVAV GDFNGDGIDDFVSGVPRAARTLGMVYYDGKNMSSLYNFTGEQMAAYFGFSVAATDINGDDYADV FIGAPLFMDRGS DGKLQEVGQVSVSLQRASGDFQTTKLNGFEVFARFGSAIAPLGDLDDQDGFNDI AIAAPYGGEDKKGIVYFNGRSTGLNAVPSQILEGQWAARSMPPSFGYSMKGATDIDKNGYPDLIV GAFGVDRAILYRARPVITVNAGLEVYPSILNQDNKTCSLPGTALKVSCFNVRCLKADGKGVLP RK LNFQVELLLDKLKQKGAIRRALFLYSRSPSHSKNMTISRGLMQCEELIAYLRDESEFRDKLTPITIF MEYRLDYRTAADTTGLQPILNQFTPANISRQAHILLDCGEDNVCKPKLEVSVDSDQKKMGDDNPL TLIVKAQNQGEGAYEAEIVSIPLQADFIGVVRNNEALARLSCAFKTENQTRQVVCDLGNPMKAGT QLLAGLRFVSHQQSEMDTSVKFDLQIQSSNLFDKVSPVVS HKVDLAVLA AVEIRGVSSPDHIFLPI PNWEHKENPETEEDVGPVVQHIYELRNNGPSSFSKAMLHLQWPYKYNNNTLLYILHYDIDGPMNC TSDMEINPLRIKISSLQTTEKNDTVAGQGERDHLITKRDLALSEGDIHTLGCGVAQCLKVCQVGRL DRGKSAILYVKSLLWTETFMNKENQNHSYLSKSSASFNVIEFPYKNLPIEDITNSTLVTNNVTWGIQP APMPVPVWVILAVLAGLLLLAVLVFVMYRMGFFKRV RPPQEEQEREQLQPHENGEGNSET
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Cell lysate)

ITGAV MaxPab polyclonal antibody. Western Blot analysis of ITGAV expression in U-2 OS.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ITGAV expression in transfected 293T cell line ([H00003685-T01](#)) by ITGAV MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ITGAV

Entrez GeneID	3685
GeneBank Accession#	NM_002210
Protein Accession#	NP_002201
Gene Name	ITGAV
Gene Alias	CD51, DKFZp686A08142, MSK8, VNRA
Gene Description	integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)
Omim ID	193210
Gene Ontology	Hyperlink
Gene Summary	ITAGV encodes integrin alpha chain V. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The I-domain containing integrin alpha V undergoes post-translational cleavage to yield disulfide-linked heavy and light chains, that combine with multiple integrin beta chains to form different integrins. Among the known associating beta chains (beta chains 1,3,5,6, and 8; 'ITGB1', 'ITGB3', 'ITGB5', 'ITGB6', and 'ITGB8'), each can interact with extracellular matrix ligands; the alpha V beta 3 integrin, perhaps the most studied of these, is referred to as the Vitronectin receptor (VNR). In addition to adhesion, many integrins are known to facilitate signal transduction. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	Integrin, alpha-V (vitronectin receptor, alpha polypeptide) antigen identified by monoclonal antibody L230 integrin alpha-V

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Small cell lung cancer](#)

Disease

- [Anemia](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
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