

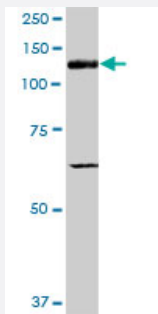
MaxPab®

ITGAV purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003685-B01P

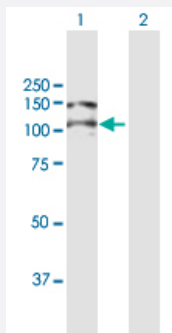
Size 50 ug

Applications



Western Blot (Cell lysate)

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

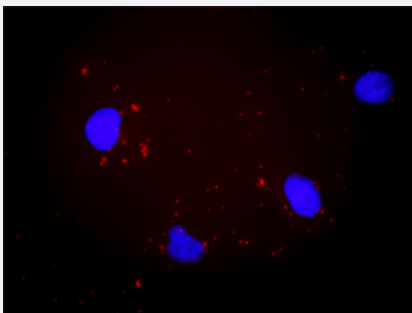


Western Blot (Transfected lysate)

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.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between PTK2 and ITGAV. Mahlavu cells were stained with anti-PTK2 rabbit purified polyclonal 1:1200 and anti-ITGAV mouse purified polyclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

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

Immunogen	ITGAV (NP_002201.1, 1 a.a. ~ 1048 a.a) full-length human protein.
Sequence	MAFPFRRRLRLGPRGLPLLLSGLLLPLCRAFNLVDVSPAIEYSGPEGSYFGFAVDFFVPSASSQM FLLVGAPKANTTQPGIVEGGQVLKCDWSSTRRCQPIEFDATGNRDYAKDDPLEFKSHQWFGASV RSKQDKILACAPLYHWRTEMKQEREPVGTCLQDGTKTVEYAPCRSQDIDADGGQFCQGGFSID FTKADRVLLGGPGSFYWQQLISDQVAEIVSKYDPNVYSIKYNNQLATRTAQAIFFDDSYLGYSVAV GDFNGDGIDDFVSGVPRAARTLGMVYYDGKNMSSLYNFTGEQMAAYFGFSVAATDINGDDYADV FIGAPLFMDRGS DGKLQEVGQVSVSLQRASGDFQTTKLNGFEV FARFGSAIAPLGDLDDQDGFNDI AIAAPYGGEDKKGIVYIFNGRSTGLNAVPSQILEGQWAARSMPPSFGYSMKGATDIDKNGYPDLV GAFGVDRAILYRARPVITVNAGLEVYPSILNQDNKTCSLPGTALKVSCFNVRFCCLKADGKGVLP LNFQVELLLDKLKQKGAIRRALFLYSRSPSHSKNMTISRGGMLMQCEELIAYLRDESEFRDKLTPITIF MEYRLDYRTAADTTGLQPILNQFTPANISRQAHILLDCGEDNVCKPKLEVSVDSQKKMGDDNPL TLVKAQNQGE GAYEAEIVSIPLQADFIGVVRNNEALARLSCAFKTENQTRQVVCDLGNPMKAGT QLLAGLRF SVHQQSEMDTSVKFDLQIQSSNLFDKVSPVVS HKVDLAVLA AVEIRGVSSPDHIFLPI PNWEHKENPETEEDVGPV VQHIYELRNNGPSSFSKAMLHLQWPYKYNNTLLYLHYDIDGPMNC TSDMEINPLRIKISSLQTTEKNDTVAGQGERDHLITKRD LALSEGDIHTL GCGVAQCLKVCQVGRL DRGKSAILYVKSLLWTETFMNKENQNHSSYLSKSSASFNVIEFPYKNLP IEDITNSTLVTTNVTWGIQP APMPVPVWV IILAVLAGLLLLAVLVFVVMYRMGFFKVRP PPQEEQEREQLQPHENGEGNSET
Host	Mouse
Reactivity	Human
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.

Applications

- Western Blot (Cell lysate)

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

[Protocol Download](#)

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[Protocol Download](#)

- *In situ* Proximity Ligation Assay (Cell)

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Gene Info — ITGAV

Entrez GeneID	3685
GeneBank Accession#	NM_002210
Protein Accession#	NP_002201.1
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](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
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- [Thalassemia](#)
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