

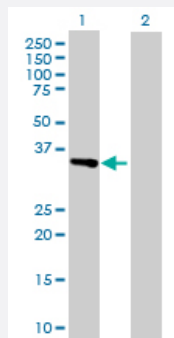
MaxPab®

ITGAV purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003685-D01P

Size 100 ug

Applications

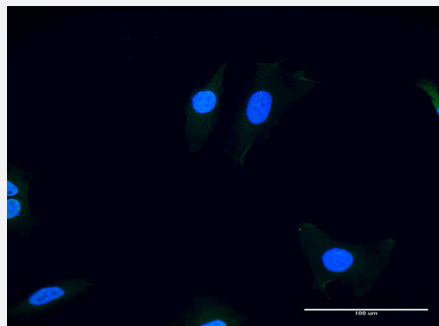


Western Blot (Transfected lysate)

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

Lane 1: ITGAV transfected lysate(116.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ITGAV on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit 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

MAFP PRRRLRLGPRGLPLLLSGLLLPLCRAFNLVDVSPA EYSGPEGSYFGFAVDFFVPSASSQM
 FLLVGAPKANTTQPGMEGGQVLKCDWSSTRRCQPIEFDATGNRDYAKDDPLEFKSHQWFGASV
 RSKQDKILACAPLYHWRTEMKQEREPVGTCTFLQDGTKTVEYAPCRSQDIDADGQGFCQGGFSID
 FTKADRVLLGGPGSFYWQQLISDQVAEIVSKYDPNVYSIKYNNQLATRTAQAIFFDDSYLGYSVAV
 GDFNGDGIDDFVSGVPRAARTLGMVYYDGKNMSSLYNFTGEQMAAYFGFSVAATDINGDDYADV
 FIGAPLFMDRGS DGKLQEVGQVSVSLQRASGDFQTTKLNGFEVFARFGSAIAPLGDLDDQDGFNDI
 AIAAPYGGEDKKGIVYFNGRSTGLNAVPSQILEGQWAARSMPPSFGYSMKGATDIDKNGYPDLIV
 GAFGVDRAILYRARPVITVNAGLEVYPSILNQDNKTCSLPGTALKVSCFNVRFCCLKADGKGVLP RK
 LNFQVELLLDKLKQKGAIRRALFLYSRSPSHSKNMTISRGGMLMQCEELIAYLRDESEFRDKLTPITIF
 MEYRLDYRTAADTTGLQPILNQFTPANISRQAHILLDCGEDNVCKPKLEVSVSDSQKKMGDDNPL
 TLVKAQNQGEGAYEAEIVSIPLQADFIGVVRNNEALARLSCAFKTENQTRQVVCDLGNPMKAGT
 QLLAGLRFVSHQQSEMDTSVKFDLQIQSSNLFDKVSPVVS HKVDLAVLAAVEIRGVSSPDHIFLPI
 PNWEHKENPETEEDVGPVVQHIYELRNNGPSSFSKAMLHLQWPYKYNNNTLLYILHYDIDGPMNC
 TSDMEINPLRIKISSLQTTEKNDTVAGQGERDHLITKRD LALSEGDIHTLGCGVAQCLKVCQVGRL
 DRGKSAILYVKSLLWTETFMNKENQNHSSYLSKSSASFNVIEFPYKNLPIDITNSTLVTTNVTWGIQP
 APMPVPVWVILAVLAGL LLLAVLVFVMYRMGFFKRV RPPQEEQEREQLQPHENGEGNSET

Host

Rabbit

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

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[Protocol Download](#)

• Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ITGAV on HeLa cell. [antibody concentration 10 ug/ml]

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](#)
- [Ovarian Neoplasms](#)
- [Priapism](#)
- [Thalassemia](#)
- [Tobacco Use Disorder](#)