

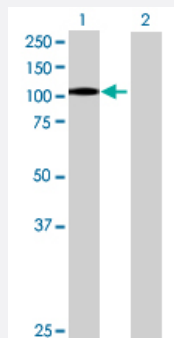
MaxPab®

ITGB2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00003689-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ITGB2 expression in transfected 293T cell line ([H00003689-T01](#)) by ITGB2 MaxPab polyclonal antibody.

Lane1:ITGB2 transfected lysate(84.59 kDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ITGB2 protein.

Immunogen

ITGB2 (AAH05861, 1 a.a. ~ 769 a.a) full-length human protein.

Sequence

MLGLRPPLLALVGLLSLGCVLSQECTKFKVSSCRECIESGPGCTWCQKLNFTGPGDPDSIRCDT
RPQLLMRGCAADDIMDPTSLAETQEDHNGGQKQLSPQKVTL YLRPGQAAAFNVTFERRAKGYPIDL
YYLMDLSYSMLDDLNRNVKKLGDDLRLALNEITESGRIGFGSFVDKTVLPFVNTHPDKLRNPCPNKE
KECQPPFAFRHVLKLTNNSNQFQTEVGKQLISGNLDAPEGGLDAMMQVAACPEEIGWRNVTRLL
VFATDDGFHFAGDGKLGAILTPNDGRCHLEDNL YKRSNEFDYPSVGQLAHKLAENNIQPIFAVTSR
MVKTYEKLTEIIPKSAVGELSEDSSNVVHLIKNAYNKLSSRVFLDHNALPDTLKVTYDSFCSNGVTH
RNQPRGDCDGVQINVPITFQVKVTATECIQEQS FVIRALGFTDIVTVQVLPQCECRCRDQSRDRSL
CHGKGFLECGICRCDTGYIGKNCECQTQGRSSQELEGSCRKDNNSIICSLGDCVCGQCLCHTS
DVPGLIYGQYCECDTINCERYNGQVCGGPGRGLCF CGKCRCHPGFEFSACQCERTTEGCLNP
RRVECSGRGRRCRCNVCECHSGYQLPLCQCEPCGPCSPCGKYISCAECLKFEKGPF GKNC SAAC
PGLQLSNNPVKGRTCKERDSEGCWVAYTLEQQDGM DRYLYVDESRECVAGPNIAAVGGTVAGI
VLIGILLLVWKALIHLSDLREYRRFEKEKLKSQWNNDNPLFKSATTVMNPKFAES

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 (Transfected lysate)

Western Blot analysis of ITGB2 expression in transfected 293T cell line ([H00003689-T01](#)) by ITGB2 MaxPab polyclonal antibody.

Lane1:ITGB2 transfected lysate(84.59 KDa).

Lane2:Non-transfected lysate.

[Protocol Download](#)

Gene Info — ITGB2

Entrez GeneID	3689
GeneBank Accession#	BC005861
Protein Accession#	AAH05861
Gene Name	ITGB2
Gene Alias	CD18, LAD, LCAMB, LFA-1, MAC-1, MF17, MFI7
Gene Description	integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)
Omim ID	116920 600065
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the integrin beta chain family of proteins. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. This gene encodes the integrin beta chain beta 2. A given chain may combine with multiple partners resulting in different integrins. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combine with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Defects in this gene are the cause of leukocyte adhesion deficiency type I (LAD1). Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	CD18 subunit OTTHUMP00000115278 OTTHUMP00000115279 OTTHUMP00000115281 OTTHUMP00000115282 beta 2 integrin subunit cell surface adhesion glycoprotein LFA-1/CR3/P150, 959 beta subunit precursor) complement receptor C3 beta-subunit integrin beta 2 integrin bet

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Constriction](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Diabetes Mellitus](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Edema](#)
- [Enterocolitis](#)

- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Hirschsprung Disease](#)
- [Hypercholesterolemia](#)
- [Infant](#)
- [Inflammation](#)
- [Intracranial Thrombosis](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Parkinson disease](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stroke](#)
- [Thyroid Neoplasms](#)
- [Werner syndrome](#)