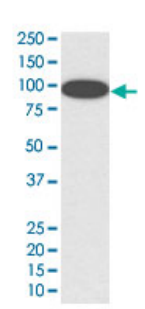
ITGB2 monoclonal antibody, clone AAIH-9

Catalog # MAB19668 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of K562 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human ITGB2.
Immunogen	A synthetic peptide corresponding to human ITGB2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:50) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot (Cell lysate)

  Western Blot (Cell lysate) analysis of K562 cell lysate.

Gene Info — ITGB2

Entrez GeneID	3689
Protein Accession#	P05107
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 integri n beta chain beta 2. A given chain may combine with multiple partners resulting in different integri ns. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combine s with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhes ion as well as cell-surface mediated signalling. Defects in this gene are the cause of leukocyte ad hesion deficiency type I (LAD1). Two transcript variants encoding the same protein have been ide ntified for this gene. [provided by RefSeq
Other Designations	CD18 subunit|OTTHUMP00000115278|OTTHUMP00000115279|OTTHUMP00000115281|OTT HUMP00000115282|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)

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- 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

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- 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

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