

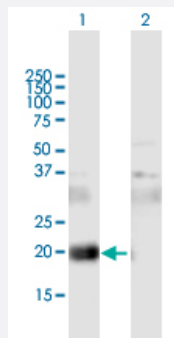
MaxPab®

CD81 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000975-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CD81 expression in transfected 293T cell line ([H00000975-T01](#)) by CD81 MaxPab polyclonal antibody.

Lane 1: CD81 transfected lysate(25.96 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CD81 protein.
Immunogen	CD81 (ABM85948.1, 1 a.a. ~ 236 a.a) full-length human protein.
Sequence	MGVEGCTKCIKYLFFVFNFWLGGVILGVALWLRHDPQTTNLLYLELGDKPAPNTFVVGMLIAV GAVMMFVGFLGCYGAIQESQCLLGTFFTCLVILFACEVAAGWGFVNKDQIAKDVVKQFYDQALQQ AVVDDDANNAKAVVKTFFHETLDCCGSSTLTALTTSVLKNNLCPSGSNIISNLFKEDCHQKIDDLFS GKLYLIGIAAVVAVIMIFEMILSMVLCCGIRNSSVY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
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.

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[Protocol Download](#)

Gene Info — CD81

Entrez GeneID [975](#)

GeneBank Accession# [DQ895022.2](#)

Protein Accession# [ABM85948.1](#)

Gene Name CD81

Gene Alias S5.7, TAPA1, TSPAN28

Gene Description CD81 molecule

Omim ID [186845](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. [provided by RefSeq]

Other Designations 26 kDa cell surface protein TAPA-1|CD81 antigen|CD81 antigen (target of antiproliferative antibody 1)|target of antiproliferative antibody 1

Pathway

- [B cell receptor signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)