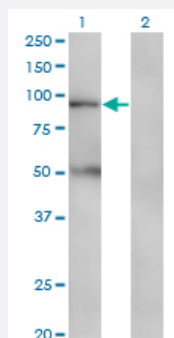


TAP1 monoclonal antibody (M03), clone 3D10

Catalog # H00006890-M03

Size 100 ug

Applications

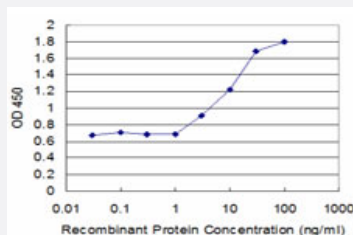


Western Blot (Transfected lysate)

Western Blot analysis of TAP1 expression in transfected 293T cell line by TAP1 monoclonal antibody (M03), clone 3D10.

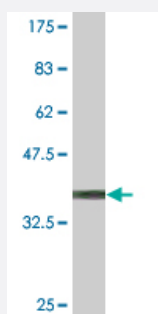
Lane 1: TAP1 transfected lysate (87.2 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TAP1 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant TAP1.

Immunogen	TAP1 (AAH14081, 241 a.a. ~ 350 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GSETRRLSLFLVLVVLSSLGEMAIFFFTGRLTDWILQDGSADTFTRNLTLMSILTIASAVLEFVGDGI YNNTMGHVHSHLQGEVFGAVLRQETEFFQQNQGTGNIMSRVTE
Host	Mouse
Reactivity	Human
Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
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 (Transfected lysate)

Western Blot analysis of TAP1 expression in transfected 293T cell line by TAP1 monoclonal antibody (M03), clone 3D10.

Lane 1: TAP1 transfected lysate(87.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TAP1 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TAP1

Entrez GeneID [6890](#)

GeneBank Accession# [BC014081](#)

Protein Accession#	AAH14081
Gene Name	TAP1
Gene Alias	ABC17, ABCB2, APT1, D6S114E, FLJ26666, FLJ41500, PSF1, RING4, TAP1*0102N, TAP1N
Gene Description	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)
Omim ID	170260 604571
Gene Ontology	Hyperlink
Gene Summary	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by this gene is involved in the pumping of degraded cytosolic peptides across the endoplasmic reticulum into the membrane-bound compartment where class I molecules assemble. Mutations in this gene may be associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, and celiac disease. [provided by RefSeq]
Other Designations	ABC transporter, MHC 1 ATP-binding cassette transporter ATP-binding cassette, sub-family B (MDR/TAP), member 2 ATP-binding cassette, sub-family B, member 2 OTTHUMP00000029077 antigen peptide transporter 1 peptide supply factor 1 transporter 1, ATP-binding

Pathway

- [ABC transporters](#)
- [Antigen processing and presentation](#)
- [Primary immunodeficiency](#)

Disease

- [Alveolitis](#)
- [Arthritis](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiectasis](#)

- [Bronchiolitis](#)
- [Bronchopulmonary Dysplasia](#)
- [Brucellosis](#)
- [Cardiovascular Diseases](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Cystic fibrosis](#)
- [Dengue](#)
- [Dengue Hemorrhagic Fever](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Echinococcosis](#)
- [Edema](#)
- [Epilepsy](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Graves Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Seropositivity](#)
- [Hypersensitivity](#)

- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Measles](#)
- [Metabolic Syndrome X](#)
- [Myoclonic Epilepsy](#)
- [Nasopharyngeal Neoplasms](#)
- [Obstetric Labor](#)
- [Papillomavirus Infections](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Schizophrenia](#)
- [Scleroderma](#)
- [Spondylitis](#)
- [Tuberculosis](#)
- [Urinary Calculi](#)
- [Uterine Cervical Neoplasms](#)