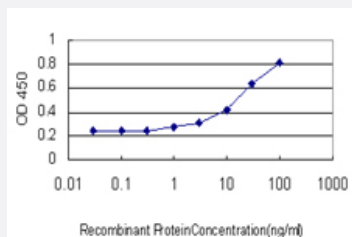


TAP1 monoclonal antibody (M01), clone 2B4

Catalog # H00006890-M01

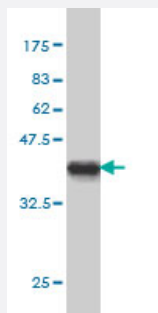
Size 100 ug

Applications



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

GSETRRLSLFLVLVVLSSLGEMAIFFFTGRLTDWILQDGSADTFTRNLTMSILTASAVLEFVGDI
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 (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](#)