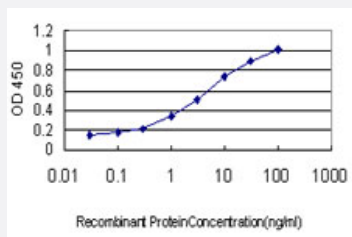


ABCC6 monoclonal antibody (M01), clone 1E6

Catalog # H00000368-M01

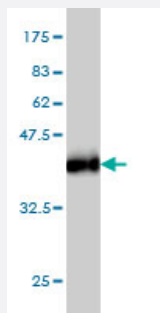
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCC6 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ABCC6.

Immunogen

ABCC6 (NP_001162, 831 a.a. ~ 930 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

IAEMGSYQELLQRKGALVCLLDQARQPGDRGEGETEPGTSTKDPRGTSAGRRPELRRERSIKSV
PEKDRTTSEAQTAVPLDDPDRAAGWPAGKDSIQYGRV

Host

Mouse

Reactivity

Human

Isotype

IgG2b Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.74 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 ABCC6 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ABCC6

Entrez GeneID

[368](#)

GeneBank Accession#

[NM_001171](#)

Protein Accession#

[NP_001162](#)

Gene Name

ABCC6

Gene Alias

ABC34, ARA, EST349056, MLP1, MOATE, MRP6, PXE, PXE1

Gene Description

ATP-binding cassette, sub-family C (CFTR/MRP), member 6

Omim ID

[177850](#) [264800](#) [603234](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The 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). The encoded protein, a member of the MRP subfamily, is involved in multi-drug resistance. Mutations in this gene cause pseudoxanthoma elasticum. Alternatively spliced transcript variants that encode different proteins have been described for this gene. [provided by RefSeq]

Other Designations

ATP-binding cassette, sub-family C, member 6|anthracycline resistance-associated

Pathway

- [ABC transporters](#)

Disease

- [Angioid Streaks](#)
- [Calcinosis](#)
- [Cardiovascular Abnormalities](#)
- [Celiac Disease](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Pseudoxanthoma Elasticum](#)
- [Renal Insufficiency](#)
- [Retinal Diseases](#)
- [Skin Abnormalities](#)
- [Skin Diseases](#)
- [Stroke](#)
- [Werner syndrome](#)