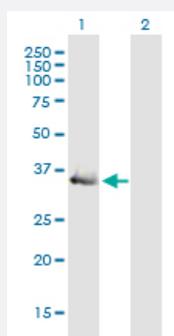


ART4 monoclonal antibody (M01), clone 2F8

Catalog # H00000420-M01

Size 100 ug

Applications

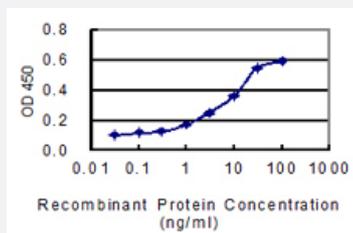


Western Blot (Transfected lysate)

Western Blot analysis of ART4 expression in transfected 293T cell line by ART4 monoclonal antibody (M01), clone 2F8.

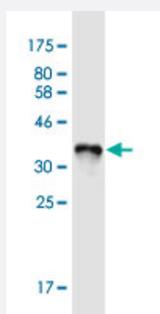
Lane 1: ART4 transfected lysate (Predicted MW: 35.9 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ART4 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ART4.

Immunogen	ART4 (NP_066549, 61 a.a. ~ 160 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SFDDQYQGCSKQVMEKLTQGDYFTKDIEAQKNYFRMWQKAHLAWLNQGKVLQPQNMTTTHAVAIL FYTLNSNVHSDFTAMASVARTPQQYERSFHFKEYLH
Host	Mouse
Reactivity	Human
Isotype	IgG2a 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 (Transfected lysate)

Western Blot analysis of ART4 expression in transfected 293T cell line by ART4 monoclonal antibody (M01), clone 2F8.

Lane 1: ART4 transfected lysate (Predicted MW: 35.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ART4 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ART4

Entrez GeneID [420](#)

GeneBank Accession# [NM_021071](#)

Protein Accession#	NP_066549
Gene Name	ART4
Gene Alias	CD297, DO, DOK1
Gene Description	ADP-ribosyltransferase 4 (Dombrock blood group)
Omim ID	110600
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known. [provided by RefSeq]</p>
Other Designations	ADP-ribosyltransferase 4 ADP-ribosyltransferase 4 (DO blood group) Dombrock blood group carrier molecule mono-ADP-ribosyltransferase 4