

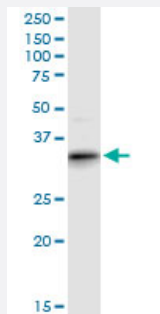
MaxPab®

ART4 MaxPab mouse polyclonal antibody (B01)

Catalog # H00000420-B01

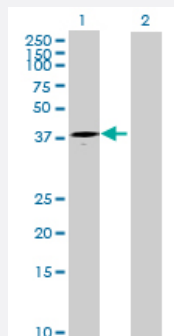
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Applications



Western Blot (Cell lysate)

ART4 MaxPab polyclonal antibody. Western Blot analysis of ART4 expression in MCF-7.



Western Blot (Transfected lysate)

Western Blot analysis of ART4 expression in transfected 293T cell line ([H00000420-T01](#)) by ART4 MaxPab polyclonal antibody.

Lane 1: ART4 transfected lysate(34.54 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ART4 protein.

Immunogen

ART4 (NP_066549.2, 1 a.a. ~ 314 a.a) full-length human protein.

Sequence

MGPLINRCKKILLPTTVPPATMRWLLGGLLPFLLLLSGLQRPTEGSEVAIKIDFDFAPGSFDDQYQ
GCSKQVMEKLTQGDYFTKDIEAQKNYFRMWQKAHLAWLNQGKVL PQNMTTTHAVAILFYTLNSNV
HSDFTRAMASVARTPQQYERSFHFHYLHYLTSAIQLLRKDSIMENGTLCYEVHYRTKDVHFNAYT
GATIRFGQFLSTLLKEEAQEFNGQTLFTIFTCLGAPVQYFSLKKEVLIPPYELFKVINMSYHPRGD
WLQLRSTGNLSTYNCQLLKASSKKCPDPIASLSFLT SVIIFSKSRV

Host

Mouse

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — ART4

Entrez GeneID	420
GeneBank Accession#	NM_021071.2
Protein Accession#	NP_066549.2
Gene Name	ART4
Gene Alias	CD297, DO, DOK1
Gene Description	ADP-ribosyltransferase 4 (Dombrock blood group)
Omim ID	110600
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

ADP-ribosyltransferase 4|ADP-ribosyltransferase 4 (DO blood group)|Dombrock blood group carrier molecule|mono-ADP-ribosyltransferase 4