

Datasheet for ABIN6137152  
**anti-ART1 antibody (AA 23-295)**



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4 Images

## Overview

Quantity:	100 µL
Target:	ART1
Binding Specificity:	AA 23-295
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ART1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 23-295 of human ART1 (NP_004305.2).
Sequence:	QSHPIRRDL FSQEIQDMA LASFDDQYAG CAAAMTAALP DLNHTEFQAN QVYADSWTLA SSQWQERQAR WPEWSLSPTR PSPPLGFRD EHGVALLAYT ANSPLHKEFN AAVREAGRSR AHYLLHHFSFK TLHFLLTEAL QLLGSGQRPP RCHQVFRGVH GLRFRPAGPR ATVRLGGFAS ASLKHVAAQQ FGEDTFFGIW TCLGAPIKGY SFFPGEEEVL IPPFETFQVI NASRLAQGPA RIYLRALGKH STYNCEYIKD KKCKSGPCHL DNS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	ART1
Alternative Name:	ART1 ( <a href="#">ART1 Products</a> )
Background:	ADP-ribosyltransferase catalyzes the ADP-ribosylation of arginine residues in proteins. Mono-ADP-ribosylation is a posttranslational modification of proteins that is interfered with by a variety of bacterial toxins including cholera, pertussis, and heat-labile enterotoxins of E. coli. The amino acid sequence consists of predominantly hydrophobic N- and C-terminal regions, which is characteristic of glycosylphosphatidylinositol (GPI)-anchored proteins. This gene was previously designated ART2.,ART1,ART2,ARTC1,CD296,RT6,Epigenetics & Nuclear Signaling,Immunology & Inflammation,CD markers,ART1
Molecular Weight:	36 kDa
Gene ID:	417
UniProt:	<a href="#">P52961</a>

## Application Details

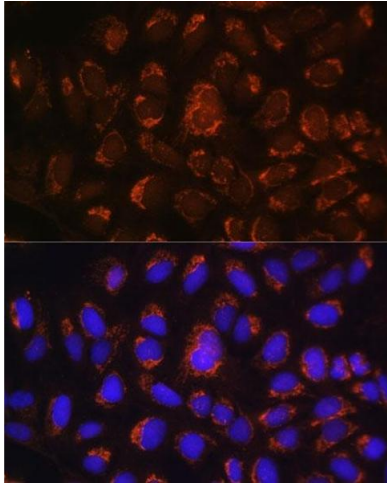
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

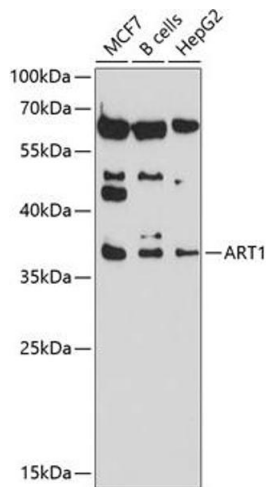
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



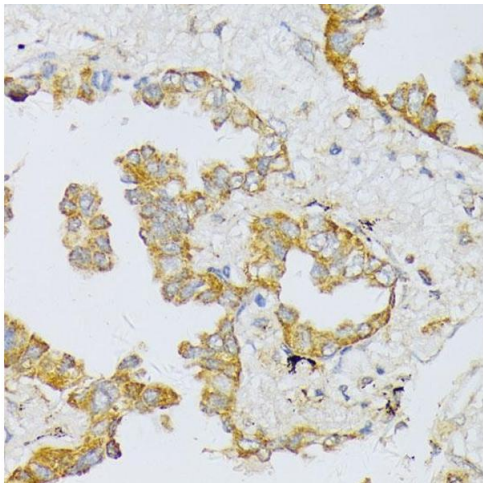
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-2 OS cells using antibody (ABIN6129884, ABIN6137152, ABIN6137153 and ABIN6214229) at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using antibody (ABIN6129884, ABIN6137152, ABIN6137153 and ABIN6214229) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human lung cancer using antibody (ABIN6129884, ABIN6137152, ABIN6137153 and ABIN6214229) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6137152.