

## Rabbit anti-Human, Mouse ART1 Polyclonal Antibody | anti-ART1 antibody

ART1 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                             |
|-----------|--------|--------------|------------------------------------------|
| AAA177085 | Rabbit | Human, Mouse | Immunofluorescence, Immunohistochemistry |

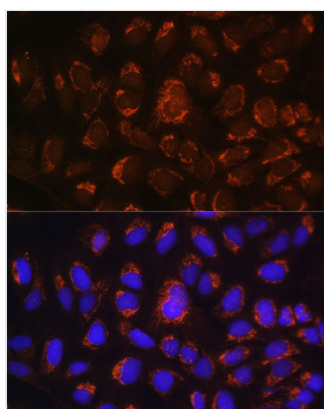
### PRODUCT SYNONYMS

ART1; Polyclonal Antibody; ART1 Polyclonal Antibody; ART2; ARTC1; CD296; RT6; anti-ART1 antibody

### PRODUCT SPECIFICATIONS

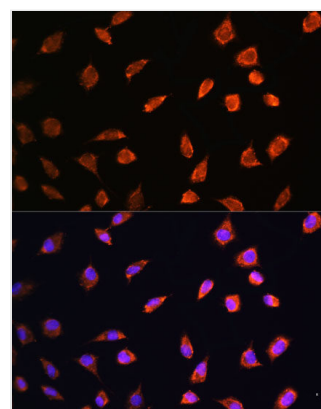
|                                                |                                                       |
|------------------------------------------------|-------------------------------------------------------|
| Host                                           | Rabbit                                                |
| Reactivity                                     | Human, Mouse                                          |
| Clonality                                      | Polyclonal                                            |
| Isotype                                        | IgG                                                   |
| Purity/Purification                            | Affinity purification                                 |
| Form/Format                                    | PBS with 0.02% sodium azide, 50% glycerol, pH7.3      |
| Concentration                                  | 1mg/mL (varies by lot)                                |
| Applicable Applications for anti-ART1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)   |
| Immunogen                                      | Recombinant fusion protein of human ART1 (NP_0043052) |
| Conjugation                                    | Unconjugated                                          |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.      |

### IMAGES



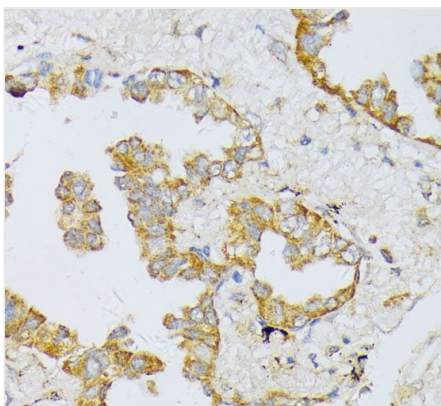
#### IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using ART1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using ART1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using ART1 Polyclonal Antibody at dilution of 1:100 (40x lens).

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ART1 antibody | 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. |
| Product Categories/Family for anti-ART1 antibody   | Epigenetics and Nuclear Signaling; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 158634472                                              |
| NCBI GeneID                      | 417                                                    |
| NCBI Accession #                 | NP_004305.2                                            |
| NCBI GenBank Nucleotide #        | NM_004314.2                                            |
| UniProt Accession #              | P52961; Q6NTD2; Q96KT9                                 |
| Molecular Weight                 | 36,335 Da                                              |
| NCBI Official Full Name          | GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1 |
| NCBI Official Synonym Full Names | ADP-ribosyltransferase 1                               |
| NCBI Official Symbol             | ART1                                                   |
| NCBI Official Synonym Symbols    | RT6; ART2; ARTC1; CD296                                |
| NCBI Protein Information         | GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1 |
| UniProt Protein Name             | GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1 |
| UniProt Gene Name                | <b>ART1</b>                                            |
| UniProt Synonym Gene Names       | ARTC1                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/art1-antibody-immunofluorescence-immunohistochemistry-elisa/177085>