

ART4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP2313a**Specification**

ART4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O93070](#)
Other Accession [NAR4_HUMAN](#)

ART4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 420

Other Names

Ecto-ADP-ribosyltransferase 4, ADP-ribosyltransferase C2 and C3 toxin-like 4, ARTC4, Dombrock blood group carrier molecule, Mono(ADP-ribosyl)transferase 4, NAD(P)(+)-arginine ADP-ribosyltransferase 4, CD297, ART4, DO, DOK1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2313a](/product/products/AP2313a) was selected from the C-term region of human ART4 . A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ART4 Antibody (C-term) Blocking Peptide - Protein Information

Name ART4

Synonyms DO, DOK1

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Location

Expressed in spleen and T-cells.

ART4 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ART4 Antibody (C-term) Blocking Peptide - Images

ART4 Antibody (C-term) Blocking Peptide - Background

The ADP-ribosylation factor (Arf) family are highly conserved members of the Ras superfamily of regulatory GTP-binding proteins. Arf proteins participate in routing of intracellular proteins to and within the Golgi complex. Cellular functions include maintenance of organelle integrity, coat protein assembly, as an activator of phospholipase D. The Arf family is divided functionally into the Arf and the Arf-like (Arl) proteins. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6) and members of each class share a common gene organization.

ART4 Antibody (C-term) Blocking Peptide - References

Gubin, A.N., et al., Blood 96(7):2621-2627 (2000). Koch-Nolte, F., et al., Genomics 39(3):370-376 (1997).