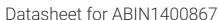
antibodies .- online.com





anti-ART5 antibody (Alexa Fluor 555)



| Overview | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity: | 100 μL |
| Target: | ART5 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ART5 antibody is conjugated to Alexa Fluor 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |
| Product Details | |
| Immunogen: | KLH conjugated synthetic peptide derived from human ART5 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |
| Target Details | |
| Target: | ART5 |
| Alternative Name: | ART5 (ART5 Products) |
| Background: | Synonyms: ADP ribosyltransferase 5, ART 5, EC 2.4.2.31, Ecto ADP ribosyltransferase 5, MGC22848, Mono ADP ribosyl transferase 5, NADP+ arginine ADP ribosyltransferase 5, NAR5_HUMAN. Background: Mono-ADP-ribosylation is one of the posttranslational protein modifications |

Target Details

regulating cellular metabolism (e.g. nitrogen fixation) in prokaryotes. Mono-ADP-ribosylation is a process in which the ADP-ribose moiety of nicotinamide adenine dinucleotide is transferred to an acceptor amino acid. Five mammalian ADP-ribosyltransferases (ART1-ART5) have been cloned, and each ART is expressed in different tissues. ART5 (ADP-ribosyltransferase 5), also known as Ecto-ADP-ribosyltransferase 5, is a 292 amino acid secretory protein that is expressed in testis, heart, skeletal muscle and lymphoma. Functionally, ART5 is implicated to play a role in cell signaling and metabolism cascades. Two isoforms of ART5 exist as a result of alternative splicing events.

Gene ID:

116969

Application Details

| Application Notes: | IF(IHC-P) 1:50-200 |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |