

ARG22528
anti-ART2.2 antibody [Nika102]Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [Nika102] recognizes ART2.2 This antibody recognizes the gene product of the mouse ADP-ribosyltransferase (ART) 2.2 gene, an ortholog of rat RT6. ART2.2 expressed exclusively by mature T-cells. Levels of ART2.2 expression vary between inbred strains of mice and is absent in NZW mice, in which the ART2.2 gene is deleted (Koch-Nolte et al. 1999).
Tested Reactivity	Ms
Tested Application	FACS, IP
Host	Rat
Clonality	Monoclonal
Clone	Nika102
Isotype	IgG2a
Target Name	ART2.2
Species	Mouse
Immunogen	pME.CD8LF-ART2.2
Conjugation	Un-conjugated
Alternate Names	Rt6-2; T-cell ecto-ADP-ribosyltransferase 2; Art; ART2.2; T-cell NAD; Rt-6; Mono; ADP-ribosyltransferase C2 and C3 toxin-like 2; EC 2.4.2.31; T-cell differentiation marker Rt6 homolog 2; Ly92b; P; Rt6; ARTC2; T-cell mono; ADP-ribosyl

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>FACS</td><td>Assay-dependent</td></tr><tr><td>IP</td><td>Assay-dependent</td></tr></tbody></table>	Application	Dilution	FACS	Assay-dependent	IP	Assay-dependent
Application	Dilution						
FACS	Assay-dependent						
IP	Assay-dependent						
Application Note	FACS: Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	Art2b
Gene Full Name	ADP-ribosyltransferase 2b
Function	Has both NAD(+) glycohydrolase and ADP-ribosyltransferase activity. [UniProt]
Calculated Mw	33 kDa

Images

ARG22528 anti-ART2.2 antibody [Nika102] FACS image

Flow Cytometry: C57Bl/6J Mouse spleen cells stained with ARG22528 anti-ART2.2 antibody [Nika102].

