

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

### 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

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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].

