

Product datasheet

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ARG23747 anti-J Chain antibody [Mc19-9]

Package: 100 μg Store at: -20°C

Summary

Product Description Mouse Monoclonal antibody [Mc19-9] recognizes J Chain.

Tested Reactivity Hu

Tested Application ELISA, IHC-Fr, IP, WB

Specificity The antibody reacts with human J chain as tested by ELISA using purified human Ig fragments as the

solid phase target antigen.

The antibody does not detect J chain in intact IgM in ELISA assays due to steric hindrance. In Western

blotting techniques this antibody detects J chain in IgM only under reducing conditions.

Host Mouse

Clonality Monoclonal

Clone Mc19-9

Isotype IgG1

Target Name J Chain

Species Human

ImmunogenHuman J Chain.ConjugationUn-conjugated

Alternate Names Joining chain of multimeric IgA and IgM; Immunoglobulin J chain; IGCJ; JCH; IGJ

Application Instructions

Application table	Application	Dilution
	ELISA	5 μg/ml
	IHC-Fr	1:200
	IP	20 μg/ml
	WB	Assay-dependent
Application Note	* 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 A.

Buffer TRIS buffered saline 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 JCHAIN

Gene Full Name joining chain of multimeric IgA and IgM

Function Serves to link two monomer units of either IgM or IgA. In the case of IgM, the J chain-joined dimer is a

nucleating unit for the IgM pentamer, and in the case of IgA it induces larger polymers. It also help to

bind these immunoglobulins to secretory component. [UniProt]

Calculated Mw 18 kDa