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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
Immunogen	Human J Chain.
Conjugation	Un-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