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JCHAIN / Ig J Chain Antibody (clone 3H7)

Mouse Monoclonal Antibody
Catalog # ALS16557

Specification

JCHAIN / Ig J Chain Antibody (clone 3H7) - Product Information

Application	**IHC, WB**
Primary Accession	P01591
Other Accession	3512
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**18099**

JCHAIN / Ig J Chain Antibody (clone 3H7) - Additional Information

Gene ID 3512

Other Names
JCHAIN, IGCJ, Immunoglobulin J chain, IGJ, IgJ chain, JCH

Target/Specificity
Human IGJ

Reconstitution & Storage
PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions
JCHAIN / Ig J Chain Antibody (clone 3H7) is for research use only and not for use in diagnostic or therapeutic procedures.

JCHAIN / Ig J Chain Antibody (clone 3H7) - Protein Information

Name JCHAIN (HGNC:5713)

Synonyms IGCJ, IGJ

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 dimers and/or larger polymers. It also helps to bind these immunoglobulins to secretory component.

Cellular Location
Secreted {ECO:0000250|UniProtKB:P01592}.

Volume

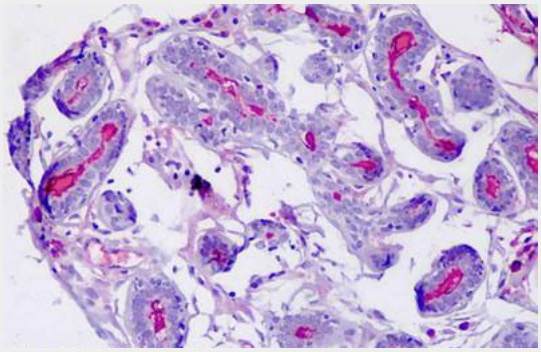
50 µl

JCHAIN / Ig J Chain Antibody (clone 3H7) - Protocols

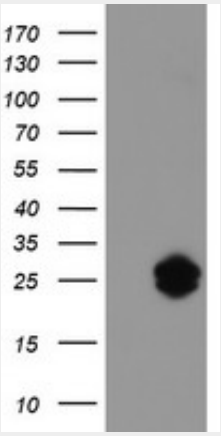
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

JCHAIN / Ig J Chain Antibody (clone 3H7) - Images



Anti-IGJ antibody IHC staining of human breast.



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IGJ...

JCHAIN / Ig J Chain Antibody (clone 3H7) - Background

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.

JCHAIN / Ig J Chain Antibody (clone 3H7) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mole J.E.,et al.Biochemistry 16:3507-3513(1977).
Max E.E.,et al.J. Exp. Med. 161:832-849(1985).
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