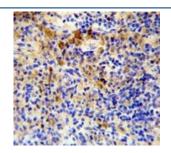


IGJ Antibody / Immunoglobulin J chain / JCHAIN (F55098)

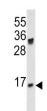
Catalog No.	Formulation	Size
F55098-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55098-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

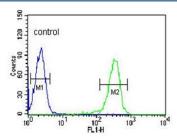
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
UniProt	P01591
Applications	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:50-1:100 Flow Cytometry : 1:10-1:50 per million cells in 0.1ml
Limitations	This IGJ antibody is available for research use only.



IHC staining of FFPE mouse spleen tissue with IGJ antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of mouse spleen tissue lysate with IGJ antibody. Predicted molecular weight ~18 kDa.



Flow cytometry testing of fixed and permeabilized human HL60 cells with IGJ antibody; Blue=isotype control, Green= IGJ antibody.

Description

Immunoglobulin J / IGJ / JCHAIN is a protein that is part of the immunoglobulin family, which is responsible for producing antibodies that help the body fight off infections. IGJ is specifically involved in the production and assembly of antibodies, making it a key player in the immune system's defense mechanisms. IGJ plays a crucial role in the immune response by facilitating the assembly of antibodies. When the body encounters a pathogen, such as a virus or bacteria, IGJ helps to bring together different components of antibodies to form a functional immune response. This process is essential for the body to effectively recognize and neutralize foreign invaders. A deficiency in IGJ can lead to impaired immune responses, making individuals more susceptible to infections.

Application Notes

The stated application concentrations are suggested starting points. Titration of the IGJ antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 32-61 from the human protein was used as the immunogen for the IGJ antibody.

Storage

Aliquot the IGJ antibody and store frozen at -200C or colder. Avoid repeated freeze-thaw cycles.