


Product datasheet

Anti-IGJ antibody [SP105] ab105229

Recombinant RabMAb

★★★★★ [1 Abreviews](#) [5 Images](#)

Overview

Product name	Anti-IGJ antibody [SP105]
Description	Rabbit monoclonal [SP105] to IGJ
Host species	Rabbit
Tested applications	Suitable for: IHC-P, Flow Cyt (Intra)
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide within Human IGJ aa 50-150 (internal sequence). The exact sequence is proprietary. Database link: P01591
Positive control	IHC-P: Human tonsil and stomach tissue Flow Cyt (Intra): Daudi cells
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein A/G purified
Purification notes	Purified from TCS by protein A/G.
Clonality	Monoclonal

Clone number	SP105
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab105229 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

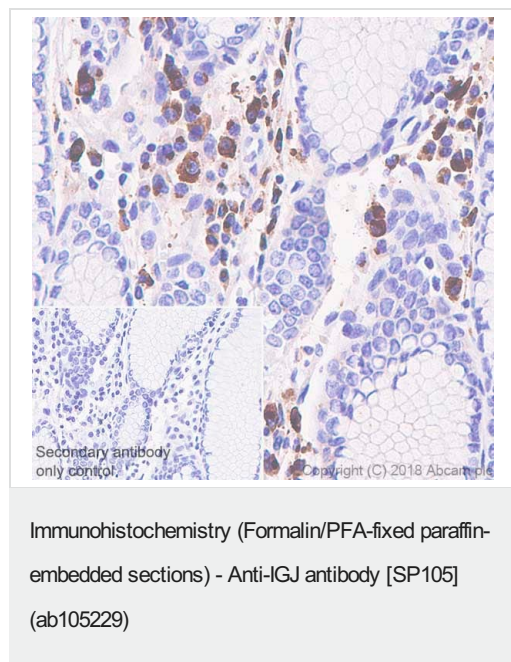
Application	Abreviews	Notes
IHC-P	★★★★★ (1)	1/100. Perform antigen retrieval before commencing with IHC staining protocol by boiling tissue section in 10 mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.
Flow Cyt (Intra)		1/20.

Target

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.

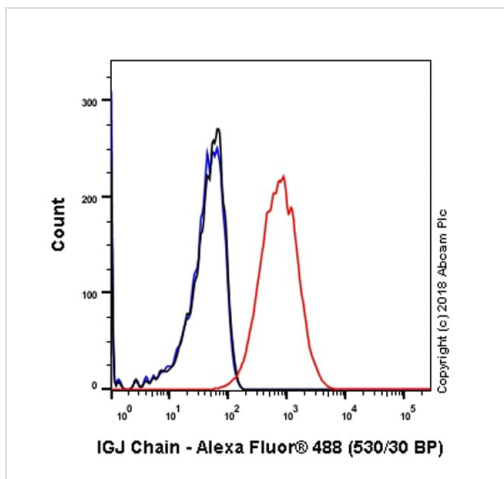
Cellular localization Secreted.

Images



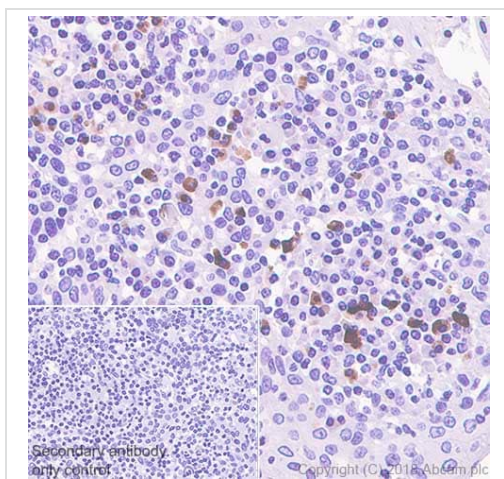
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human stomach tissue sections labeling IGJ with ab105229 at 1/100 dilution (1.06 µg/ml). Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 10mins. Goat Anti-Rabbit & Mouse IgG (HRP) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the stromal cells of human stomach, performed on a Leica Biosystems BOND™ RX instrument.

The section was incubated with ab105229 for 10 mins at room temperature.



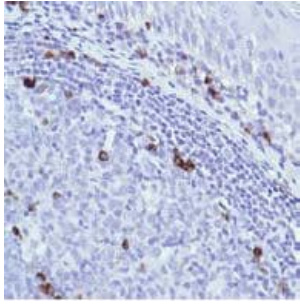
Flow Cytometry (Intracellular) - Anti-IGJ antibody [SP105] (ab105229)

Flow cytometry analysis of Daudi (Human Burkitt's lymphoma lymphoblast) labeling IGJ with purified ab105229 at 1/20 dilution (5.3 µg/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. Goat anti rabbit IgG (Alexa Fluor® 488, [ab150081](#)) at 1/2000 dilution was used as a secondary antibody. Isotype control -Rabbit monoclonal IgG ([ab172730](#)) / Black. Unlabeled control -Unlabelled cells / blue.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IGJ antibody [SP105] (ab105229)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue sections labeling IGJ with ab105229 at 1/100 dilution (1.06 µg/ml). Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 10mins. Goat Anti-Rabbit & Mouse IgG (HRP) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the human tonsil, performed on a Leica Biosystems BOND™ RX instrument. The section was incubated with ab105229 for 10 mins at room temperature.



ab105229, at 1/100 dilution, staining IGJ in formalin-fixed, paraffin-embedded Human tonsil tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IGJ antibody [SP105] (ab105229)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-IGJ antibody [SP105] (ab105229)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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