

Rabbit IgG Polyclonal Antibody | anti-IgG antibody

IgG/FITC, Rpab

CATALOG # AAA59327	HOST Rabbit	APPLICATIONS Immunohistochemistry
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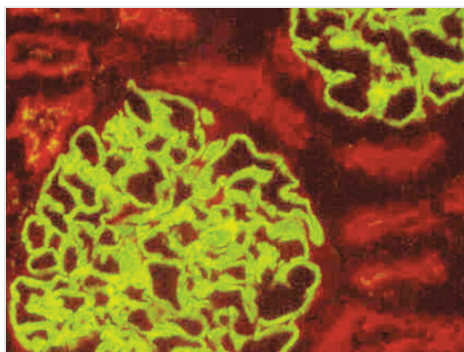
PRODUCT SYNONYMS

IgG; Polyclonal Antibody; IgG/FITC; Rpab; anti-IgG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Concentrate or Prediluted
Sequence Length	476
Applicable Applications for anti-IgG antibody	IHC (Immunohistochemistry)
Immunogen	Purified human IgG gamma chain.
Localization	Cytoplasmic
Control	Tonsil, Lymph Node, Kidney, Spleen
Preparation and Storage	Store at 2-8 degree C in the dark.

IMAGES



IF (Immunofluorescence)
IF of IgG

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:25-1:100	0.5 ml
Concentrated	1:25-1:100	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-IgG antibody	IgG is a monomeric immunoglobulin, comprised of two heavy chains and two light chains. This is the most abundant immunoglobulin and is approximately equally distributed in blood and tissue liquids, constituting 75% of serum immunoglobulins in humans. This is the only isotype that can pass through the placenta and bind to many kinds of pathogens. IgG protects the body against them by complement activation (classic pathway), opsonization for phagocytosis and neutralization of their toxins. There are 4 subclasses: IgG1 (66%), IgG2 (23%), IgG3 (7%) and IgG4 (4%). IgG antibody reacts with surface immunoglobulin IgG gamma chains. This antibody is useful when identifying Leukemias, Plasmacytomas, and B-cell lineage derived Hodgkin's Lymphomas. Due to the restricted expression of heavy and light chains in these diseases, demonstration of B-cell Lymphomas is possible with clonal gene-rearrangement studies. Lupus nephritis is an inflammation of the kidneys caused by Systemic Lupus Erythematosus. Immunofluorescence reveals positively for IgG, IgA, IgM, C3, and C1q. Clinically, hematuria and proteinuria are present, with or without nephrotic syndromes. Mesangial IgG glomerulonephritis has been recently recognized as a distinct type of glomerulonephritis. The morphologic criteria detected in these patients included mesangial dense deposits by ultrastructural studies, which were predominantly positive for IgG by immunofluorescence.
Product Categories/Family for anti-IgG antibody	Direct Immunofluorescence Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	185362
NCBI Official Full Name	IgG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/igg-antibody-immunohistochemistry-elisa/59327>