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Mouse IgA Rabbit pAb

Catalog # AP96951

Product Information

Application	WB
Primary Accession	P01878
Other Accession	P01878
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36876
Physical State	Liquid
Immunogen	Mouse IgA protein purified from serum
Isotype	IgG
Purity	affinity purified by Protein A from plasma
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Monomeric IgA constitutes 5-15 % of the serum immunoglobulins whereas dimeric IgA is localized to mucosa surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces. The production is usually local and antigen specific IgA producing B-cells can be found in regions under the lamina propria where they mature into dimeric IgA producing plasma cells. IgA deficiency is the most common immunodeficiency that may affect both serum and mucosal produced IgA.

Additional Information

Other Names	IgA1; IGHA_MOUSE; IGHA1_HUMAN; IGHA1; Ig alpha-1 chain C region; Ig alpha-1 chain C region BUR; Ig alpha-1 chain C region TRO;
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	IGHA
Function	Ig alpha is the major immunoglobulin class in body secretions. It may serve both to defend against local infection and to prevent access of foreign antigens to the general immunologic system.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.