

IgA Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50191

Clone# BP6169

Predicted Molecular Wt: 37kD
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P01876/P01877

Background:

Immunoglobulin A (IgA) plays a critical role in mucosal immunity. It is present in the mucosal secretions such as tears, saliva, colostrum, intestinal juice, vaginal fluid, and secretions from the prostate and respiratory epithelium, and represents a key first line of defense against invasion by inhaled and ingested pathogens at the vulnerable mucosal surfaces. It is also found in small amounts in blood. Because it is resistant to degradation by enzymes, secretory IgA can survive in harsh environments such as the digestive and respiratory tracts, to provide protection against microbes that multiply in body secretions. It is useful when identifying multiple myeloma and plasmacytomas.

Subcellular location:

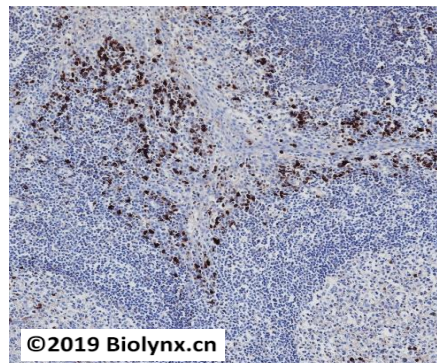
Cytoplasm

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Full length native protein (purified) corresponding to Human IgA.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections analysis of human tonsil tissue labelling IgA with BP6169. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-25°C to -18°C

Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Ansari NA, et al. Asian Pac J Cancer Prev. 2007; 8:593-6.
2. Shao H, et al. Am J Surg Pathol. 2010; 34:1425-35.

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.