Datasheet for ABIN376860

Goat anti-Mouse IgA (Heavy Chain) Antibody

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Overview

Quantity:	1 mg
Target:	IgA
Binding Specificity:	Heavy Chain
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Isotype:	IgG
Specificity:	Reacts with the heavy chain of mouse IgA as demonstrated by ELISA and flow cytometry.
Characteristics:	Source: Pooled antisera from goats hyperimmunized with mouse IgA paraproteins. To insure lot-to-lot consistency, each batch of product is tested by ELISA, Fluorescent ELISA, and/or flow cytometry for conformance with characteristics of a standard reference reagent.
Purification:	Purified

Target Details

Target:	IgA
Abstract:	IgA Products
Target Type:	Antibody

Application Details

Application Notes:	Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Restrictions:	For Research Use only

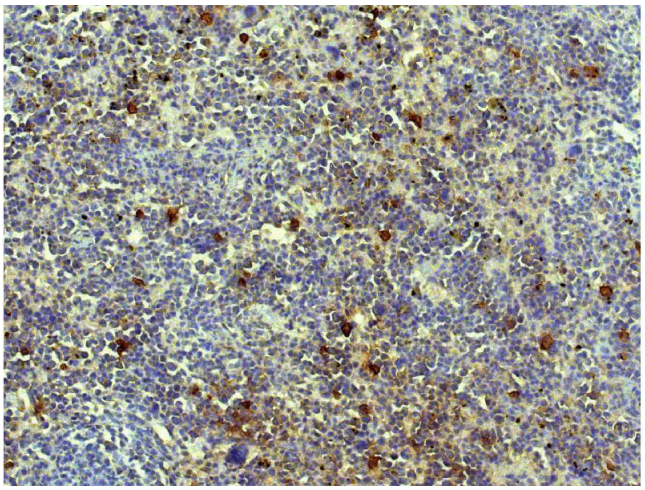
Handling

Buffer:	1.0 mg purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2.
Preservative:	Without preservative
Handling Advice:	Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C

Publications

Product cited in:	Rudraraju, Jones, Surman, Sealy, Thomas, Hurwitz: "Respiratory Tract Epithelial Cells Express Retinaldehyde Dehydrogenase ALDH1A and Enhance IgA Production by Stimulated B Cells in the Presence of Vitamin A." in: **PLoS ONE**, Vol. 9, Issue 1, pp. e86554, (2014) (PubMed). Gautron, Rutkowski, Burton, Wei, Wan, Elmquist: "Neuronal and nonneuronal cholinergic structures in the mouse gastrointestinal tract and spleen." in: **The Journal of comparative neurology**, Vol. 521, Issue 16, pp. 3741-67, (2014) (PubMed).

Images



Immunohistochemistry

Image 1. Paraffin embedded mouse spleen section was stained with Goat Anti-Mouse IgA-UNLB, DAB, and hematoxylin.