

Datasheet for ABIN568608

Goat anti-Human IgA (Free & Bound), (Secretory Component) Antibody

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Overview

Quantity:	1 mL
Target:	IgA
Binding Specificity:	Free & Bound, Secretory Component
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Immunodiffusion (ID), Immunoprecipitation (IP)

Product Details

Immunogen:	Secretory component is present in human secretions bound to secretory IgA (sIgA) and in free form. Secretory IgA (sIgA) functions as a dimer or polymer and accounts for almost all specific mucosal antibody activity. A molecule of sIgA is made up of two molecules of IgA, one J chain and one SC (MW 65,000). The dimer IgA is transported into secretions by its binding to the SC on the epithelial cells. Under normal conditions, sIgA contains both subclasses IgA1 and IgA2, since both are capable of binding SC. SC also has an affinity for polymeric IgM. Purified free human secretory component isolated from pooled milk is used for immunization. Freund's complete adjuvant is used in the first step of the immunization procedure.
Purification:	Serum

Target Details

Target:	IgA
Abstract:	IgA Products

Target Details

Target Type:	Antibody
Background:	Synonyms: Human Immunoglobulin A

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Restore by adding 0.5 mL sterile distilled water. Dilutions may be prepared by adding PBS, pH 7.2
Handling Advice:	Avoid repeated freezing and thawing. Dilutions may be prepared by adding PBS, pH 7.2
Storage:	4 °C/-20 °C
Storage Comment:	Prior to and following reconstitution store the antibody at 2-8 °C for one month or at -28 °C for longer.