

Datasheet for ABIN568605

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



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Overview

Quantity:	1 mL
Target:	IgA
Binding Specificity:	Free & Bound, Secretory Component
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunodiffusion (ID), Immunoprecipitation (IP), Enzyme Immunoassay (EIA), Dot Blot (DB)

Product Details

Immunogen:	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.
Isotype:	IgG
Characteristics:	Molar Ratio: Biotin/IgG aprox. 4.5
Purification:	Hyperimmune antisera with strong precipitating activity are selected for Fractionation by Salt-Precipitation and purification of the IgG fraction by DEAE-Chromatography.

Target Details

Target:	IgA
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Target Details

Abstract:	IgA Products
Target Type:	Antibody
Background:	<p>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. Synonyms: Human Immunoglobulin A</p>

Application Details

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

Handling

Format:	Liquid
Reconstitution:	Restore by adding 1.0 mL of sterile distilled water.
Concentration:	10.0 mg/mL
Buffer:	PBS, pH 7.2 without preservatives and foreign proteins
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store at 2-8 °C. Following reconstitution store undiluted at 2-8 °C for one week or (in aliquots) at -28 °C for longer.