

Datasheet for ABIN376514

Goat anti-Human IgA Antibody (PE)**1** Image**2** Publications[Go to Product page](#)

Overview

Quantity:	0.25 mg
Target:	IgA
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	PE
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Reacts with the heavy chain of human IgA
Characteristics:	Goat F(ab') ₂ Anti-Human IgA-PE
Purification:	Affinity chromatography on sheep IgG covalently coupled to agarose. Gel filtration chromatography of pepsin digested antibody.

Target Details

Target:	IgA
Abstract:	IgA Products
Target Type:	Antibody

Application Details

Application Notes:

- **Applications:** Quality tested applications include - ELISA , FLISA FC ,
- Other referenced applications include - ELISPOT , IHC-FS , Stim
- **Working Dilutions:** ELISA BIOT conjugate 1:5,000 - 1:20,000 FLISA FITC conjugate 1:100 - 1:400 AF555 conjugate 1:200 - 1:400 PE and AF647 conjugates 1 g/mL Flow Cytometry FITC and BIOT conjugates 1 g/10⁶ cells PE and AF647 conjugates 0.1 g/10⁶ cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Restrictions: For Research Use only

Handling

Buffer: 0.25 mg in 1.0 mL of PBS/Sodium azide and a stabilizing agent

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: **Do not freeze!**
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

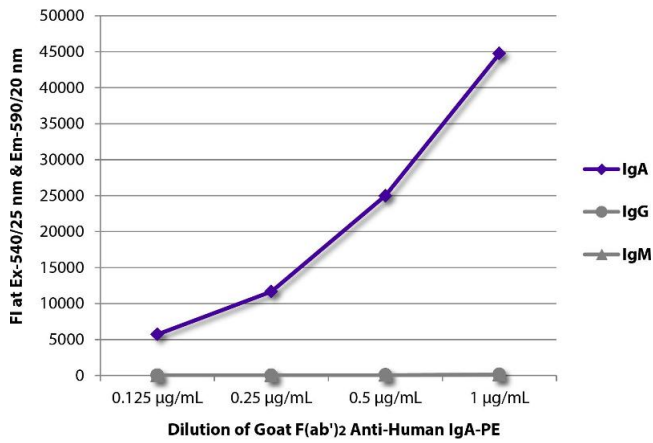
Storage: 4 °C

Storage Comment: Store at 2-8°C

Publications

Product cited in: Brandsma, Bondza, Evers, Koutstaal, Nederend, Jansen, Rösner, Valerius, Leusen, Ten Broeke: "Potent Fc Receptor Signaling by IgA Leads to Superior Killing of Cancer Cells by Neutrophils Compared to IgG." in: **Frontiers in immunology**, Vol. 10, pp. 704, (2019) ([PubMed](#)).

Magri, Comerma, Pybus, Sintes, Lligé, Segura-Garzón, Bascones, Yeste, Grasset, Gutzeit, Uzzan, Ramanujam, van Zelm, Albero-González, Vazquez, Iglesias, Serrano, Márquez, Mercade, Mehendru, Cerutti: "Human Secretory IgM Emerges from Plasma Cells Clonally Related to Gut Memory B Cells and Targets Highly Diverse Commensals." in: **Immunity**, Vol. 47, Issue 1, pp. 118-134.e8, (2017) ([PubMed](#)).



ELISA

Image 1. FLISA plate was coated with purified human IgA, IgG, and IgM. Immunoglobulins were detected with serially diluted Goat F(ab')₂ Anti-Human IgA-PE.