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Datasheet for ABIN376514

Goat anti-Human IgA Antibody (PE)

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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: Skowron-Kandzia, Tomsia, Koryciak-Komarska, Plewka, Wieczorek, Czekaj: "Gene Expression in Amnion-Derived Cells Cultured on Recombinant Laminin 332-A Preliminary Study." in: **Frontiers in medicine**, Vol. 8, pp. 719899, (2021) ([PubMed](#)).

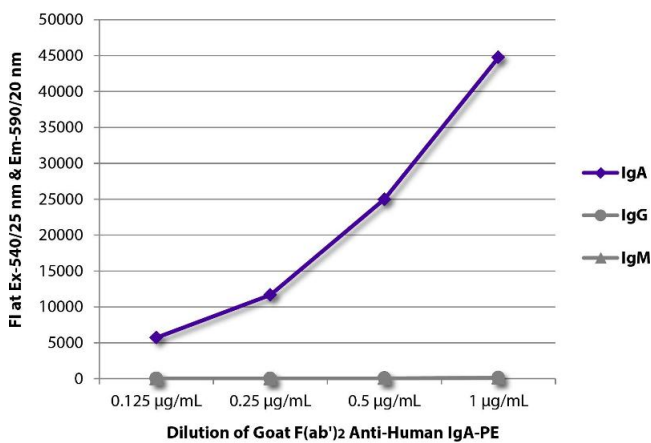
Leiendecker, Jung, Krecioch, Neumann, Schleiffer, Mechtler, Wiesner, Obenauf: "LSD1 inhibition induces differentiation and cell death in Merkel cell carcinoma." in: **EMBO molecular medicine**, pp. e12525, (2020) ([PubMed](#)).

Shan, Xu, Bleyer, Becker, Melbaum, Wemheuer, Hirschfeld, Wacker, Zhao, Schütz, Brenig: "Association of α/β -Hydrolase D16B with Bovine Conception Rate and Sperm Plasma Membrane Lipid Composition." in: **International journal of molecular sciences**, Vol. 21, Issue 2, (2020) ([PubMed](#)).

Frenzel, Willbold: "Kinetic titration series with biolayer interferometry." in: **PLoS ONE**, Vol. 9, Issue 9, pp. e106882, (2016) ([PubMed](#)).

Aeckerle, Drummer, Debowski, Viebahn, Behr: "Primordial germ cell development in the marmoset monkey as revealed by pluripotency factor expression: suggestion of a novel model of embryonic germ cell translocation." in: **Molecular human reproduction**, Vol. 21, Issue 1, pp. 66-80, (2015) ([PubMed](#)).

Images



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.