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Datasheet for ABIN376466

Rat anti-Mouse IgG2a Antibody (PE)

1 Image

1 Publication

Overview

Quantity:	0.1 mg
Target:	IgG2a
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	PE
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Mouse IgG2a hybridoma
Clone:	SB84a
Isotype:	IgG1
Specificity:	Mouse IgG2a
Characteristics:	Rat Anti-Mouse IgG2a-PE
Purification:	Purified

Target Details

Target:	IgG2a
Abstract:	IgG2a Products
Target Type:	Antibody

Application Details

Application Notes:

- **Applications:** FC - Quality tested , ELISA - Quality tested , FLISA - Quality tested IHC-FS - Reported in literature , ICC , WB , Multiplex - Reported in literature
- **Working Dilutions:** Flow Cytometry FITC, BIOT, and AF488 conjugates 1 g/106 cells PE conjugate 0.2 g/106 cells AF647 conjugate 0.1 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L ELISA AP conjugate 1:1,000 - 1:4,000 HRP conjugate 1:4,000 - 1:8,000 BIOT conjugate 1:5,000 - 1:20,000 FLISA FITC and AF488 conjugates 1:200 - 1:400 AF555 conjugate 1:50 - 1:200 PE and AF647 conjugates 1 g/mL

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/mL

Buffer: 0.1 mg in 1.0 mL or 0.2 mg in 2.0 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: Gilchuk, Kuzmina, Ilinykh, Huang, Gunn, Bryan, Davidson, Doranz, Turner, Fusco, Bramble, Hoff, Binshtein, Kose, Flyak, Flinko, Orlandi, Carnahan, Parrish, Sevy, Bombardi, Singh, Mukadi et al.: "Multifunctional Pan-ebolavirus Antibody Recognizes a Site of Broad Vulnerability on the Ebolavirus Glycoprotein. ..." in: **Immunity**, Vol. 49, Issue 2, pp. 363-374.e10, (2019) ([PubMed](#)).

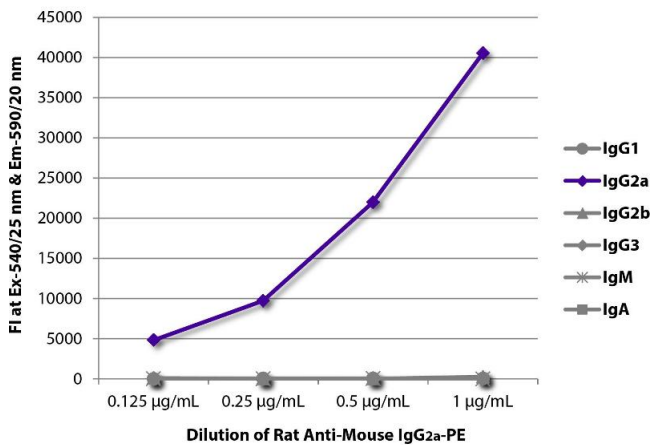
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Järvinen, Wang, Seppo, Zand: "Novel multiplex assay for profiling influenza antibodies in breast milk and serum of mother-infant pairs." in: **F1000Research**, Vol. 7, pp. 1822, (2018) ([PubMed](#)).

Kowalczyk-Quintas, Chevalley, Willen, Jandus, Vigolo, Schneider: "Inhibition of Membrane-Bound BAFF by the Anti-BAFF Antibody Belimumab." in: **Frontiers in immunology**, Vol. 9, pp. 2698, (2018) ([PubMed](#)).

Cao, Pauthner, Andrabi, Rantalainen, Berndsen, Diedrich, Menis, Sok, Bastidas, Park, Delahunty, He, Guenaga, Wyatt, Schief, Ward, Yates, Burton, Paulson: "Differential processing of HIV envelope glycans on the virus and soluble recombinant trimer." in: **Nature communications**, Vol. 9, Issue 1, pp. 3693, (2018) ([PubMed](#)).

Images



ELISA

Image 1. FLISA plate was coated with purified mouse IgG1, IgG2a, IgG2b, IgG3, IgM, and IgA. Immunoglobulins were detected with serially diluted Rat Anti-Mouse IgG2a-PE.