Datasheet for ABIN135660

Mouse anti-Human IgG4 (Fc Region) Antibody

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Overview

Quantity:	0.5 mg
Target:	IgG4
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA

Product Details

Immunogen:	Human IgG4 myeloma protein
Clone:	HP6025
Isotype:	IgG1
Specificity:	Reacts with the Fc portion of the heavy chain of human IgG4 as demonstrated by ELISA
Characteristics:	Mouse Anti-Human IgG4 Fc-UNLB
Purification:	Purified

Target Details

Target:	IgG4
Abstract:	IgG4 Products
Target Type:	Antibody

Application Details

Application Notes:	• **Applications:** ELISA - Quality tested , FLISA - Quality tested FC - Reported in literature , IHC-FS - Reported in literature , IHC-PS - Reported in literature , ICC - Reported in literature , WB - Reported in literature , Microarray - Reported in literature , Multiplex - Reported in literature , Purification - Reported in literature • **Working Dilutions:** ELISA AP conjugate 1:1,000 - 1:2,000 HRP conjugate 1:4,000 - 1:8,000 BIOT conjugate 1:5,000 - 1:10,000 FLISA FITC, AF488, and AF555 conjugates 1:200 - 1:400 PE and AF647 conjugates ≤ 1 g/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added
Preservative:	Without preservative
Handling Advice:	Dilute only prior to immediate use 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

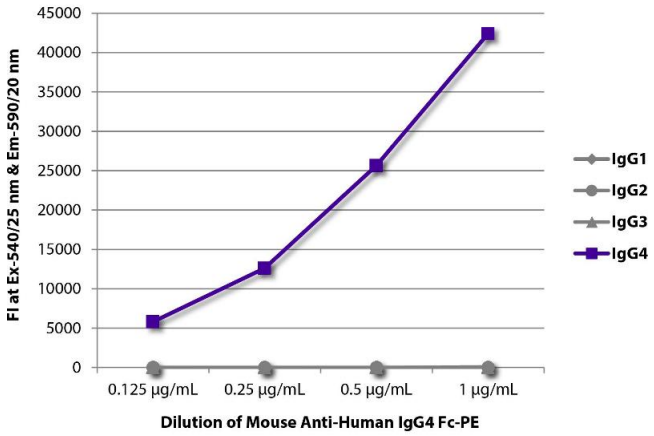
Product cited in:	Hino, Simó, Cooper: "Comparative Analysis of cul5 and rbx2 Expression in the Developing and Adult Murine Brain and Their Essentiality During Mouse Embryogenesis." in: **Developmental dynamics : an official publication of the American Association of Anatomists**, Vol. 247, Issue 11, pp. 1227-1236, (2019) (PubMed). Ohta, Michel, Schottelius, Xiong: "ROC1, a homolog of APC11, represents a family of cullin partners with an associated ubiquitin ligase activity." in: **Molecular cell**, Vol. 3, Issue 4, pp. 535-41, (1999) (PubMed). Michel, Xiong: "Human CUL-1, but not other cullin family members, selectively interacts with SKP1 to form a complex with SKP2 and cyclin A." in: **Cell growth & differentiation : the molecular biology journal of the American Association for Cancer Research**, Vol. 9, Issue 6, pp. 435-49, (1998) (PubMed).

Publications

Kipreos, Lander, Wing, He, Hedgecock: "cul-1 is required for cell cycle exit in C. elegans and identifies a novel gene family." in: **Cell**, Vol. 85, Issue 6, pp. 829-39, (1996) (PubMed).

There are more publications referencing this product on: Product page

Images



ELISA

Image 1. FLISA plate was coated with purified human IgG1, IgG2, IgG3, and IgG4. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG4 Fc-PE.