

Datasheet for ABIN610163
anti-CD58 antibody (PE)



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4 Publications

Overview

Quantity:	120 tests
Target:	CD58
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD58 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Functional Studies (Func)

Product Details

Immunogen:	Human cytotoxic T cells.
Clone:	TS2-9
Isotype:	IgG1
Specificity:	Both transmembrane and GPI anchored CD58.
Purification:	Gel filtration

Target Details

Target:	CD58
Alternative Name:	CD58 (CD58 Products)
Background:	Name/Gene ID: CD58 Family: Immunoglobulin

Target Details

Synonyms: CD58, CD58 antigen, AG3, LFA-3, LFA3, Surface glycoprotein LFA-3, Surface glycoprotein lfa3, CD58 Molecule

Gene ID: 965

UniProt: [P19256](#)

Application Details

Application Notes: Approved: Flo, Func

Usage: Function: Inhibits HLA-DR mediated T cell cytotoxicity. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 50 mM sodium phosphate, pH 7.5, 500 mM potassium chloride, 150 mM sodium chloride, 15 % Glycerol, 0.2 % BSA, 0.04 % sodium azide

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. Product is photosensitive and should be protected from light.

Storage: 4 °C

Storage Comment: Store at 4°C. Do not freeze. Protect from light.

Publications

Product cited in: Zeng, Si, Yu, Le, Ng, Teng, Ryan, Wang, Ponniah, Pallen: "PTP alpha regulates integrin-stimulated FAK autophosphorylation and cytoskeletal rearrangement in cell spreading and migration." in: **The Journal of cell biology**, Vol. 160, Issue 1, pp. 137-46, (2003) ([PubMed](#)).

Feuillet, Semichon, Restouin, Harriague, Janzen, Magee, Collette, Bismuth: "The distinct capacity of Fyn and Lck to phosphorylate Sam68 in T cells is essentially governed by SH3/SH2-catalytic domain linker interactions." in: **Oncogene**, Vol. 21, Issue 47, pp. 7205-13, (2002) ([PubMed](#)).

Derkinderen, Toutant, Kadaré, Ledent, Parmentier, Girault: "Dual role of Fyn in the regulation of FAK+6,7 by cannabinoids in hippocampus." in: **The Journal of biological chemistry**, Vol. 276, Issue 41, pp. 38289-96, (2001) ([PubMed](#)).

Kawakami, Kawakami, Aaronson, Robbins: "Acquisition of transforming properties by FYN, a normal SRC-related human gene." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 85, Issue 11, pp. 3870-4, (1988) ([PubMed](#)).