



Datasheet for ABIN536656
anti-HLA-DR1 antibody (PE)



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2 Publications

Overview

Quantity:	100 µg
Target:	HLA-DR1
Reactivity:	E. coli
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-DR1 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Mouse monoclonal antibody raised against HLA-DR1.
Immunogen:	Purified, insoluble DR1 beta chain (DRB1*0101) expressed in <i>Escherichia coli</i> inclusion bodies.
Clone:	MEM-267
Isotype:	IgG2b
Specificity:	This antibody specifically binds to the empty but not peptide-loaded form of HLA-DR1. DR is the isotypes of human MHC Class II molecules expressed on antigen-presenting cells (APC, dendritic cells, B lymphocytes, monocytes, macrophages).
Cross-Reactivity:	Human

Target Details

Target:	HLA-DR1
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Target Details

Alternative Name: HLA-DR1 ([HLA-DR1 Products](#))

Application Details

Application Notes: Flow Cytometry (5 µg/mL)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.1 mg/mL

Buffer: In PBS (0.2 % BSA, 0.09 % 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.

Storage: 4 °C

Storage Comment: Store in the dark at 4°C. Do not freeze.
Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Potolicchio, Chitta, Xu, Fonseca, Crisi, Horejsi, Strominger, Stern, Raposo, Santambrogio: "Conformational variation of surface class II MHC proteins during myeloid dendritic cell differentiation accompanies structural changes in lysosomal MIIC." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 175, Issue 8, pp. 4935-47, (2005) ([PubMed](#)).

Carven, Chitta, Hilgert, Rushe, Baggio, Palmer, Arenas, Strominger, Horejsi, Santambrogio, Stern: "Monoclonal antibodies specific for the empty conformation of HLA-DR1 reveal aspects of the conformational change associated with peptide binding." in: **The Journal of biological chemistry**, Vol. 279, Issue 16, pp. 16561-70, (2004) ([PubMed](#)).