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Datasheet for ABIN536589
anti-HLA-ABC antibody (PE)

2 Publications

Overview

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

Product Details

Purpose:	Mouse monoclonal antibody raised against native HLA-Class I.
Immunogen:	Native purified HLA-Class I from PHA-activated peripheral blood lymphocytes.
Clone:	MEM-147
Isotype:	IgG1
Specificity:	This antibody reacts with all human classical MHC Class I molecules in native cell-surface forms (e.g. it recognizes native HLA-A2 in cytofluorometry and immunoprecipitation but not in Western blot). This antibody is positive in Western blot (non-reducing conditions) only with most HLA-B and HLA-C molecules, but not HLA-A.

Target Details

Target:	HLA-ABC
Alternative Name:	HLA Class I ABC (HLA-ABC Products)

Target Details

Pathways: [TCR Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cancer Immune Checkpoints](#)

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

Concentration: 0.1 mg/mL

Buffer: In PBS (0.2 % BSA, 0.09 % sodium azide)

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: Le Discorde, Moreau, Sabatier, Legeais, Carosella: "Expression of HLA-G in human cornea, an immune-privileged tissue." in: **Human immunology**, Vol. 64, Issue 11, pp. 1039-44, (2003) ([PubMed](#)).

Tran, Ivanyi, Hilgert, Brdicka, Pla, Breur, Flieger, Ivasková, Horejsí: "The epitope recognized by pan-HLA class I-reactive monoclonal antibody W6/32 and its relationship to unusual stability of the HLA-B27/beta2-microglobulin complex." in: **Immunogenetics**, Vol. 53, Issue 6, pp. 440-6, (2001) ([PubMed](#)).