



11-361-C025

Monoclonal Antibody to HLA-E Purified Antibody (0.025 mg)

Clone:	MEM-E/02
Isotype:	Mouse IgG1
Specificity:	The antibody MEM-E/02 specifically reacts with denaturated heavy chain of human HLA-E. HLA-E belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of all human cell types.
Regulatory Status:	RUO
Immunogen:	Recombinant human HLA-E denaturated heavy chain.
Species Reactivity:	Human, Non-Human Primates
Application:	Western Blotting Immunohistochemistry (paraffin sections) Recommended dilution: 5-10 µg/ml Positive control: Human placenta Application note: Heat antigen retrieval (sodium citrate); incubation with mAb: 1 hour / RT; detection DAB
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
References:	*Menier C, Saez B, Horejsi V, Martinozzi S, Krawice-Radanne I, Bruel S, Le Danff C, Reboul M, Hilgert I, Rabreau M, Larrad ML, Pla M, Carosella ED, Rouas-Freiss N: Characterization of monoclonal antibodies recognizing HLA-G or HLA-E: new tools to analyze the expression of nonclassical HLA class I molecules. Hum Immunol. 2003 Mar;64(3):315-26. *Dambaeva SV, Bondarenko GI, Grendell RL, Kravitz RH, Durning M, Golos TG: Non-classical MHC-E (Mamu-E) expression in the rhesus monkey placenta. Placenta. 2008 Jan;29(1):58-70. *Lo Monaco E, Tremante E, Cerboni C, Melucci E, Sibilio L, Zingoni A, Nicotra MR, Natali PG, Giacomini P: Human leukocyte antigen E contributes to protect tumor cells from lysis by natural killer cells. Neoplasia. 2011 Sep;13(9):822-30.

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