



11-361-C025

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

<b>Clone:</b>	MEM-E/02
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	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.
<b>Regulatory Status:</b>	RUO
<b>Immunogen:</b>	Recombinant human HLA-E denaturated heavy chain.
<b>Species Reactivity:</b>	Human, Non-Human Primates
<b>Application:</b>	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
<b>Purity:</b>	> 95% (by SDS-PAGE)
<b>Purification:</b>	Purified by protein-A affinity chromatography
<b>Concentration:</b>	1 mg/ml
<b>Storage Buffer:</b>	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
<b>Storage / Stability:</b>	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
<b>Expiration:</b>	See vial label
<b>Lot Number:</b>	See vial label
<b>References:</b>	*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. *Spaans VM, Peters AA, Fleuren GJ, Jordanova ES: HLA-E expression in cervical adenocarcinomas: association with improved long-term survival. J Transl Med. 2012 Sep 4;10:184.

Unless indicated otherwise, all products are For Research Use Only and not for diagnostic or therapeutic use. Not for resale or transfer either as a stand-alone product or as a component of another product without written consent of EXBIO. EXBIO will not be held responsible for patent infringement or other violations that may occur with the use of our products. All orders are accepted subject to EXBIO's term and conditions which are available at [www.exbio.cz](http://www.exbio.cz).

**For laboratory research only, not for drug, diagnostic or other use.**

EXBIO Praha | Nad Safinou II 341 | 252 50 Vestec u Prahy | Czech Republic  
Tel: +420 261 090 666 | Fax: +420 261 090 660 | [orders@exbio.cz](mailto:orders@exbio.cz) | [www.exbio.cz](http://www.exbio.cz)