

Mouse anti-HLA-E, clone MEM-E/02 (Monoclonal)

Clone no. MEM-E/02

MONOSAN

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Product name	Mouse anti-HLA-E, clone MEM-E/02 (Monoclonal)
Host	Mouse
Applications	WB, IHC-P
Species reactivity	Human, Non-human primates
Conjugate	-
Immunogen	Recombinant human HLA-E denaturated heavy chain.
Isotype	IgG1
Clonality	Monoclonal
Clone number	MEM-E/02
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

HLA-E (human leukocyte antigen E) is a non-classical MHC I antigen, which is important for dialogue with NK cells and their regulation through interaction with CD94/NKG2 receptor. Like other MHC I molecules, transmembrane HLA-E molecule (45 kDa) associates with beta2 microglobulin. Unlike HLA-G, expression of HLA-E molecules is not so restricted, but it has been detected at least at mRNA level in virtually all cells and tissues examined. In peripheral blood, HLA-E protein is expressed at least in all mononuclear cells, but in different quantity (B cells and monocytes more than T cells and NK cells).

**References**

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3. -
4. -
5. -

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