

HLA-E

Mouse Anti-Human HLA-E Clone MEM-E/02 mAb

Catalog No.	MON2077	Quantity:	100 µg
Alternate Names:	DKFZp686P19218, EA1.2, EA2.1, HLA-6.2, MHC, QA1, HLA class I histocompatibility antigen, E alpha chain, MHC HLA-E alpha-1, MHC HLA-E alpha-2.1, MHC class I antigen, lymphocyte antigen		
Description:	The antibody specifically reacts with denaturated heavy chain of human HLA-E. HLA-E belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. HLA-E binds a restricted subset of peptides derived from the leader peptides of other class I molecules. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail.		
Gene ID:	3133		
Host:	Mouse		
Isotype:	IgG1		
Formulation:	100 µg (1 mg/ml) solution in PBS with 15 mM sodium azide, pH7.4. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	The antibody can be used for Western blotting and immunohistochemistry (FFPE section).		
Storage & Stability:	Product should be stored at 4°C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles. Under recommended storage conditions, product is stable for one year.		

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