

Mouse anti-HLA-DR1, clone MEM-267 (Monoclonal)

Clone no. MEM-267

MONOSAN

Product name	Mouse anti-HLA-DR1, clone MEM-267 (Monoclonal)
Host	Mouse
Applications	WB, FC, ELISA
Species reactivity	Human
Conjugate	-
Immunogen	Purified, insoluble DR1 beta chain (DRB1*0101) expressed in E. coli inclusion bodies.
Isotype	IgG2b
Clonality	Monoclonal
Clone number	MEM-267
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-DR1 belongs to the HLA class II beta chain paralogues. The MHC Class II molecule is a heterodimer consisting of an alpha (DRA) and a beta chain (DRB), both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. MHC Class II molecules are expressed in antigen presenting cells (APC). The beta chain is approximately 26-28 kDa. Within the DR molecule the beta chain contains all the polymorphisms specifying the peptide binding specificities. Hundreds of DRB1 alleles have been described and typing for these polymorphisms is routinely done for bone marrow and kidney transplantation.

References

1. -
2. -
3. -
4. -
5. -

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