

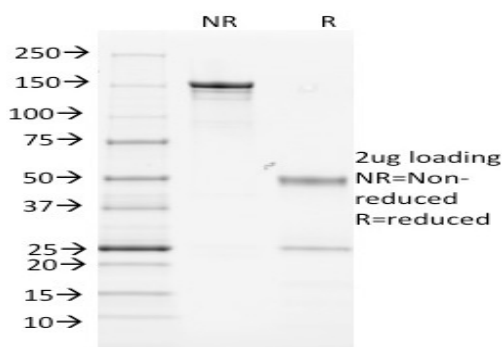
MHC II, Mouse

Mouse Monoclonal Antibody [Clone MK-D6]

Catalog No	Format	Size	Price (USD)
MSM1-2007-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug	219.00
MSM1-2007-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug	499.00
MSM1-2007-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug	499.00

Human Entrez Gene ID	100504404
Human SwissProt	P01904; P04224
Human Unigene	15680
Human Gene Symbol	H2-Ea-ps (Mouse)
Human Chromosome Location	17 B1; 17 17.98 cM (Mouse)
Synonyms	Ia3; Ia-3; H-2Ea; H2-Ea; A1323765; I-Ealpha; E-alpha-f; MHC-H2-Ea

Immunogen	Spleen cells from B10.D2 mice
Host / Ig Isotype	Mouse / IgG2a, kappa
Mol. Weight of Antigen	kDa
Cellular Localization	Cell Surface and Cytoplasmic
Species Reactivity	Mouse. Does not react with Human.
Positive Control	MPBMC's or Thymus.



SDS-PAGE Analysis Purified MHC II Mouse Monoclonal Antibody (MK-D6). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

The antibody is directed against Mouse major histocompatibility complex class II, I-A d. It does not react with I-Ak, I-Ab, I-As, I-Af or I-Aa.

Known Applications & Suggested Dilutions

Functional Studies (Order Antibody without BSA & Azide)
Flow Cytometry (0.5-1ug/million cells in 0.1ml)
Immunofluorescence (1-2ug/ml)
Optimal dilution for a specific application should be determined.

Key References

1. Kappler JW, et al. Antigen-inducible, H-2 restricted, interleukin-2-producing T cell hybridomas. Lack of independent antigen and H-2 recognition. J. Exp. Med. 153: 1198-1214, 1981.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations

This antibody is available for research use only and is not approved for use in diagnosis.

Warranty

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.