

Mouse anti-MHC II DP, clone BraFB6 (Monoclonal)

Clone no. BraFB6

MONOSAN

Product name	Mouse anti-MHC II DP, clone BraFB6 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IHC-P, IF
Species reactivity	human
Conjugate	-
Immunogen	non-T, non-B human acute lymphoblastic leukemia REH6 cells
Isotype	IgG2b-K
Clonality	Monoclonal
Clone number	BraFB6
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% 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

MHC class II molecules are encoded by polymorphic MHC genes and consist of a non-covalent complex of an α and β chain. Helper T lymphocytes bind antigenic peptides presented by MHC class II molecules. MHC class II molecules bind 13-18 amino acid antigenic peptides. Accumulating in endosomal/lysosomal compartments and on the surface of B cells, HLA-DM and -DO molecules regulate binding of exogenous peptides to class II molecules (HLA-DR) by sustaining a conformation that favors peptide exchange. The differential structural properties of MHC class I and class II molecules account for their respective roles in activating different populations of T lymphocytes.

References

1. Babusikova O et al., Neoplasma 32(6): 657-62 (1985)
2. Polakova K et al., Neoplasma, 32(6): 641-8 (1985)
3. Horejsi V, et. al. Tissue Antigens, 32(1): 6-11 (1988)
4. -
5. -

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