Mouse anti-MHC II DP+DR (beta chain), clone Bra14 (Monoclonal)

Clone no. Bra14

MONOSAN

Product name	Mouse anti-MHC II DP+DR (beta chain), clone Bra14 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IHC-P
Species reactivity	human
Conjugate	-
Immunogen	nuclei from pokeweed mitrogen-stimulated PBL
Isotype	IgG3-K
Clonality	Monoclonal
Clone number	Bra14
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. Chorvath B et al. Neoplasma 34(4):417-425 (1987)
2 Horejsi V et al. Tissue Antigens 32(1):6-11 (1988)
3. Polakova K et al. Neoplasma 32(6):641-8 (1985)
4. -
5. -