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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product datasheet MON9874

MONOSAN[®]

Mouse anti-MHC II DR, clone EBS-O-110 (Monoclonal)

Clone no. EBS-O-110

MONOSAN

Product name Mouse anti-MHC II DR, clone EBS-O-110 (Monoclonal)

Host Mouse

Applications FC, IHC-fr, IF

Species reactivity human

Conjugate -

Immunogen human PBL and HLA-homozygous B-LCL line

Isotype IgG2-K

Clonality Monoclonal

Clone number EBS-O-110

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. Sparrow RL, et al., Transplantation 42: 647-652 (1986)
2. Chorvath B et al. Neoplasma 34(4): 417-425 (1987)
3. Horejsi V et al. Tissue Antigens 32(1): 6-11 (1988)
4. Polakova K et al. Neoplasma 32(6): 641-8 (1985)
5. -

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