

Anti-Human HLA-DR Mouse Monoclonal Antibody

Catalog	Unit
TBS10241-50	50 µg
TBS10241-100	100 µg
TBS10241-200	200 µg

Product Details

Description: HLA-DR is a class II major histocompatibility complex (MHC) molecule. It is a heterodimeric glycoprotein composed of an alpha (α) chain and a beta (β) chain, each approximately 36 kDa and 27 kDa in size, respectively. HLA-DR is predominantly expressed on professional antigen-presenting cells (APCs), including Dendritic cells, Macrophages, B cells. HLA-DR is a critical component of the immune system, playing a pivotal role in initiating and regulating immune responses.

Alternative names: Human Leukocyte Antigen – DR isotype; DRA/DRB1; HLA class II histocompatibility antigen DR alpha/ DRB1-15 beta chain; HLA-DRA1/DRB1; MHC class II antigen DRA; Major Histocompatibility Class II

Applications:

- Flow cytometry (FC)
- Immunohistochemistry (IHC)

Specificity: The recombinant antibody specifically binds to human HLA-DR.

Host: Mouse

Isotype: Mouse IgG2a Kappa

Concentration: 0.5 mg/mL

Purity: 95%

Conjugate: Non-conjugated.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Clonality: Monoclonal

Sterility: 0.2 µm filtered

Storage: 4°C stable for up to 12 months.

For research use only.