CD 8 alpha

Catalog # 10056.10 (1.0 ml concentrated)

INTENDED USE

- ***In Vitro:*** This product is intended for qualitative immunohistochemistry on acetone-fixed, frozen sections to be analyzed by light microscopy. The antibody is suitable for flow cytometry and immuno-precipitation. And is also available in FITC-conjugated and biotinylated forms.
- ***Description:*** CD8 is expressed by most thymocytes and about a third of peripheral T cells as a heterodimer consisting of CD8α and CD8β. This monoclonal antibody has been shown to deplete the CD8-positive T cells from the peripheral lymphoid organs following *in vivo* administration.
- ***Expected Staining Pattern:*** Cell membrane
- ***Positive Control:*** Mouse thymus

MATERIALS PROVIDED

- ***CD 8α specific rat monoclonal antibody*** # 10056, tissue culture supernatant, concentrated, with 0.09% sodium azide.
- ***Antibody Concentration:*** 200 µg/ml
- ***Host:*** Rat
- ***Epitope:*** Not known
- ***Species Reactivity:*** Mouse
- ***Clone:*** IBL-3/25
- ***Ig Isotype / Light Chain:*** IgG1 / Kappa
- ***Immunogen***: Mouse spleen cells
- ***Sterility:*** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED

- Detection system
- Chromogen/substrate system

METHODS AND PROCEDURES

- ***Tissue Section Pretreatment:*** Unnecessary
- ***Dilution of Concentrated Antibody:*** 1/20 - 1/200 in antibody diluent (for informational purposes only), exact dilution must be determined by user.
- ***Primary Antibody Incubation Time:*** 60 minutes at RT.
- ***Visualization:*** To detect antibody binding sites, follow the instructions provided with the chromogen/substrate system.

STORAGE AND STABILITY

This product contains sodium azide and is stable when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

For Research Use Only