Product Name: Peroxidase conjugated anti-Cry j 1 mAb 053
Code No.: HBL-Ab-1-053P
Size: 25 µg, 100 µl/vial (Frozen Liquid)

This product is for research use only

Specification and Use

Specificity :

This peroxidase-conjugated antibody recognizes Cry j 1 antigen (Japanese cedar pollen allergen). This antibody cross-reacts against Cry j 2 antigen less than 0.1%.

Isotype :

Mouse monoclonal antibody IgG1,κ

Preparation & form :

The hybridoma was inoculated in mice intraperitoneally. IgG was purified from collected ascites by ProteinG Sepharose column chromatography. Then IgG was conjugated with horseradish peroxidase by periodate method.
Peroxidase conjugated IgG was prepared in the concentration of 250µg/ml with phosphate-buffered saline containing 1 % bovine serum albumin fractionV.

Storage :

Store below -20°C in the dark. Avoid multiple freeze/thaw cycles by storage in appropriate aliquots.

Applications:

This antibody is suitable for enzyme-linked immunosorbent assay. Dilute 1:1000 as a detect antibody.

References :

- Kawashima, T. et al.:Antigenic analysis of Sugi basic protein by monoclonal antibodies:I. Distribution and characterization of B-cell-tropic epitopes of *Cry j I* molecules. *Int. Arch. Allergy Immunol.*, 98(2), 110-117, 1992
- Kawashima, T. et al.:Antigenic analysis of Sugi basic protein by monoclonal antibodies:II. Detection of immunoreactive fragments in enzyme-cleaved *Cry j I. Int. Arch. Allergy Immunol.*, 98(2), 118-126, 1992

Caution ! :

This material is research use only, not for clinical or diagnostic use.