PRODUCT INFORMATION

Product Name: Anti-Cry j 2 mAb T27
Code No.: HBL-Ab-2-T27
Size: 100 µg, 200 µl/vial (Frozen Liquid)

This product is for research use only

Specification and Use

Specificity :

This antibody recognizes Cry j 2 antigen (Japanese cedar pollen allergen). This antibody cross-reacts against Cry j 1 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.
Purified IgG was prepared in the concentration of 500µg/ml with phosphate-buffered saline and frozen. No stabilizers or preservatives are contained.

Storage :

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

Applications :

This antibody is suitable for western blotting and enzyme-linked immunosorbent assay. Dilute 1:200~500 for Western blotting. Dilute 1:50 as a capture 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
- Sawatani, M et al. : Immunological and physiological properties of Cry j II, the second major allergen of Japanese cedar pollen. [Article in Japanese] *Arerugi*, 42(6):738-747, 1993
- Sawatani, M et al.: Enzyme-linked immunosorbent assay for the quantification of *Cry j I* and *Cry j II*. [Article in Japanese] *Arerugi*, 43(3):467-473, 1993

Caution ! :

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

BioDynamics Laboratory Inc. 9-7 HONGO 2-CHOME,BUNKYO-KU,TOKYO113-0033,JAPAN
http://www.biodynamics.co.jp