

PRODUCT INFORMATION

Product Name: Anti-Cry j 1 mAb 013
Code No.: HBL-Ab-1-013
Size: 100 µg, 200 µl/vial (Frozen Liquid)

This product is for research use only

Specification and Use

Specificity :

This 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.

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.

Application :

This antibody is suitable for enzyme-linked immunosorbent assay. 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

Caution ! :

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

PRODUCT INFORMATION

製品名: 抗 Cry j 1 モノクローナル抗体 013
コード No.: HBL-Ab-1-013
サイズ: 100 µg, 200 µl/vial (500 µg/ml, : 分子吸光係数より算出)

特異性

スギ(*Cryptomeria japonica*)花粉の Cry j 1 抗原を特異的に認識する。Cry j 2 抗原との交差反応性は0.1%以下。

サブクラス

マウス IgG1,κ (本品は、マウス腹水を Protein G Sepharose によって精製したものです。)

溶媒

PBS (安定化剤、防腐剤不含)

使用及び保存方法

-20°C 以下で凍結保存する。凍結融解の繰り返しは不可。使用時は室温にて解凍する。
(数回に分けて使用する場合は、使用量を小分けして凍結保存する。)

用途

Cry j 1-ELISA の場合、1 : 50 に希釈して使用する。
(Cry j 1-ELISA については、別紙参照)

参考文献

- 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 1* 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 1*. *Int. Arch. Allergy Immunol.*, 98(2), 118-126, 1992
- 澤谷他: スギ花粉アレルゲン Cry j II の免疫学的、物理学的性質; アレルギー, 42(6): 738-747, 1993

注) 本品は研究用であり、治療用または診断用に使用しないこと。