

## PRODUCT INFORMATION

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**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 periodide 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 10°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.

## PRODUCT INFORMATION

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製品名: ペルオキシダーゼ標識抗 Cry j 1 モノクローナル抗体 053  
コード No.: HBL-Ab-1-053P  
サイズ: 25 µg, 100 µl/vial (250 µg/ml, : 分子吸光係数より算出)

### 内容

抗 Cry j 1 モノクローナル抗体 053 (マウス IgG1, κ) に西洋ワサビ由来ペルオキシダーゼを標識したものである。

### 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。

### 溶媒

1% ウシ血清アルブミンを含む PBS (安定化剤、防腐剤不含)

### 使用及び保存方法

10°C 以下で遮光・冷蔵保存する。凍結融解の繰り返しは不可。

### 用途

Cry j 1-ELISA の場合、1 : 1 0 0 0 に希釈して使用する。希釈液は不安定であるため、使用時に必要量を希釈・調製する。

### 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

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。