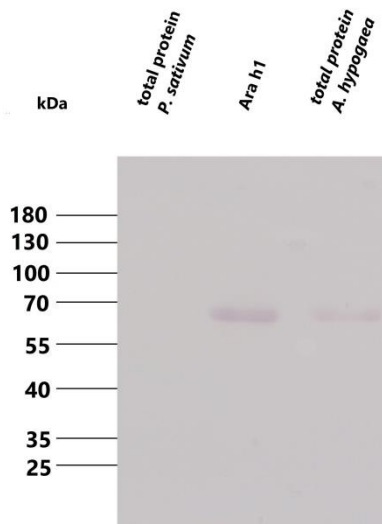


Ara h1 (Major peanut allergen) Monoclonal Antibody (5D3)

Product Details

Catalogue No.	MAB005
Description	Mouse monoclonal antibody to Ara h1
Specificity	No cross reaction with <i>P. sativum</i> / <i>A. hypogaea</i> proteins
Host	Mouse
Isotype	IgG1
Type	Monoclonal
Clone	5D3
Immunogen	Recombinant Ara h1
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage Buffer	PBS pH 7.4, 0.05% NaN ₃ as preservative
Storage Conditions	Store at +4 °C short term (1-2 weeks), -20°C for longer storage, avoid freeze/thaw cycles (aliquot)

Application and Dilution



Western blot:

Optimal dilution: 1:500 to 1:7 500

Note:

Since applications vary, each experimenter should optimize the conditions in order to achieve optimal results

Product image:

Western blot analysis of Ara h1 on total protein lysate of *Pisum sativum* (pea) seeds (left lane) as negative control, purified Ara h1 from *Arachis hypogaea* seeds (middle lane) and total protein from *A. hypogaea* seeds (right lane). Dilution 1:5 000

Tested Applications:

ELISA, Dot Blot

General Information

Ara h1 is a major peanut allergen and therefore involved in one of the most serious food allergies. The glycoprotein Ara h1 has a molecular weight of **64 kDa** (monomer). Ara h1 is a heat-stable protein, which forms a stable homotrimer.

This product is "For research use only, not for use in diagnostic and therapeutic procedures"

For any questions and suggestions, please contact us:

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