

Anti-Peanut Allergen [X378] Standard Size Ab01100-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: X378

Alternative Name(s) of Target: Cupin; Vicillin-type; 7S globulin

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Arachis hypogaea

Immunogen: This antibody was raised by immunising mice with purified peanut allergen.

Specificity: This antibody recognises a major peanut allergen.

Application Notes: Specificity of this antibody was confirmed by ELISA tests. Its engineered IgE and human IgG4 versions might be used as controls in in vitro and in vivo allergy models. Finally, engineered IgG4 version of this antibody can be utilised in the research on the therapy of allergies using IgGs to block free allergen in the system of an allergic organism and prevent the allergen binding to IgEs (Orengo et al., 2018).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.