

Anti-Bet v 1 [M0418] Standard Size Ab00649-14.0

This full-length, reformatted human antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgE, Lambda

Clone Number: M0418

Alternative Name(s) of Target: Major Allergen from Birch Pollen; BETVIA

UniProt Accession Number of Target Protein: P15494

Published Application(s): crystallography, ELISA

Published Species Reactivity: Birch (*Betula pendula*)

Immunogen: Bet v 1-A, a major allergen of the European white birch.

Specificity: This antibody binds to Bet v 1, in particular to the naturally occurring isoforms Bet v 1.0101 and Bet v 1.0102, but not to Bet v 1.0112.

Application Notes: This antibody binds to Bet v 1 via a characterized epitope and has been used in crystallographic studies.

Antibody First Published in: Levin et al. Human IgE against the major allergen Bet v 1 – defining an epitope with limited cross-reactivity between different PR-10 family proteins Clin Exp Allergy. 2014 Feb;44(2):288-99. [PMID:24447087](#)

Note on publication: Describes the generation and characterization of the M0418 antibody.

Product Form

Size: 50 µg Purified antibody.

Purification: Affinity Purified using a recombinant lectin column

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.