

Anti-Bet v 1 [BAB2] Standard Size Ab00665-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG4 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: BAB2

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

UniProt Accession Number of Target Protein: P15494

Published Application(s): Activate, WB, ELISA

Published Species Reactivity: Birch (*Betula pendula*)

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

Specificity: This antibody binds to Bet v 1. It recognises amino acids 1-74 of recombinant Bet v 1 by Western Blot, whilst showing no binding to AA 75-160.

Application Notes: This antibody binds to Bet v 1 and appears to enhance binding of IgE as well as Bet v 1-induced immediate-type skin reactions and thus represent 'enhancing antibodies'.

Antibody First Published in: Eibensteiner et al. Expression of a human IgG4 antibody, BAB2, with specificity for the major Birch pollen allergen, Bet v 1 in *Escherichia coli*: recombinant BAB2 Fabs enhance the allergic reaction. *Int Arch Allergy Immunol.* 1999 Feb-Apr;118(2-4):190-2. [PMID:10224374](#)

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

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.