

Anti-Bet v 1 [BAB4] Standard Size Ab00667-11.0

Isotype and Format: Human IgG2, Kappa

Clone Number: BAB4

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

UniProt Accession Number of Target Protein: P15494

Published Application(s): 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 recombinant Bet v 1 by Western Blot, but not via an epitope located on peptides either spanning AA 1-74 or AA 75-160.

Application Notes: This antibody binds to Bet v 1 with little effect on IgE binding.

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.