

## Anti-Bet v 1 [BAB4] Bulk Size Ab00667-11.0-BT

**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:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.