

Bet v 1 recombinant antibody

Anti-Bet v 1 [BV16]

CATALOG # AAA72001	REACTIVITY Birch (Betula pendula)	APPLICATIONS ELISA, Western Blot
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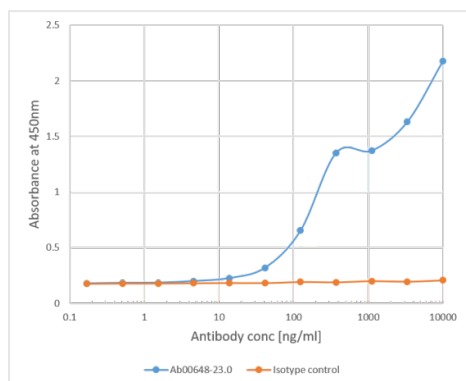
PRODUCT SYNONYMS

Bet v 1; Monoclonal Recombinant Antibody; Anti-Bet v 1 [BV16]; Major Allergen from Birch Pollen; BETVIA; Bet v 1 recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Birch (Betula pendula)
Clonality	Monoclonal
Isotype	Rabbit IgG, Kappa
Clone Number	BV16
Specificity	This antibody binds to Bet v 1.
Purity/Purification	Protein A Affinity Purified
Form/Format	PBS only with 0.02% Proclin 300.
Concentration	1 mg/ml (varies by lot)
Sequence Length	160
Applicable Applications for Bet v 1 recombinant antibody	ELISA, WB (Western Blot)
Immunogen	Bet v 1-A, a major allergen of the European white birch.
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

IMAGES



ELISA

Binding curve of anti-Bet v 1 antibody BV16 to Bet v 1 ELISA Plate coated with Bet v 1-A (RayBiotech, 228-22389) at a concentration of 2 ug/ml. A 3-fold serial dilution from 10,000 to 0.1 ng/ml was performed using a 1:4000 dilution of HRP-labelled goat anti-rabbit antibody (Bio-Rad) was used. as also observed for This is suggestive of two binding sites on Bet v 1-A for which has differing affinities.

ADDITIONAL INFORMATION

Related Product Information for Bet v 1 recombinant antibody	Description: Describes the generation and characterization of the BV16 antibody. 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.
Product Categories/Family for Bet v 1 recombinant antibody	Allergy
References	Mirza et al. Dominant Epitopes and Allergic Cross-Reactivity: Complex Formation Between a Fab Fragment of a Monoclonal Murine IgG Antibody and the Major Allergen from Birch Pollen Bet v 1 J. Immunol. 165 (1), 331-338 (2000) PMID:10861069

NCBI AND UNIPROT INFORMATION

NCBI GI #	114922
UniProt Accession #	P15494; Q96369
NCBI Official Full Name	Major pollen allergen Bet v 1-A
UniProt Protein Name	Major pollen allergen Bet v 1-A
UniProt Gene Name	BETVIA
UniProt Synonym Gene Names	BETVI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/bet-v-1-recombinant-antibody-clone-bv16-western-blot-elisa/72001>