

Anti-Api m 2 [21E11] Standard Size Ab00653-14.0

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgE, Kappa

Clone Number: 21E11

Alternative Name(s) of Target: Bee Venom Allergen; Hyaluronidase; Hya; Hyal;
Hyaluronoglucosaminidase; Allergen Api m II

UniProt Accession Number of Target Protein: Q08169

Published Application(s): crystallization, ELISA

Published Species Reactivity: Honeybee (*Apis mellifera*)

Immunogen: Recombinant Api m 2, a major bee venom allergen.

Specificity: This antibody binds to Api m 2, at a site competing with common allergenic IgE antibodies.

Application Notes: This antibody competes with naturally occurring IgE for binding to Api m2. A Fab version of this antibody was used in a co-crystallization study

Antibody First Published in: Padavattan et al. Identification of a B-cell epitope of hyaluronidase, a major bee venom allergen, from its crystal structure in complex with a specific Fab. *J Mol Biol.* 2007 May 4;368(3):742-52 [PMID:17374540](#)

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