

Anti-Bla g 1 [Bla g 1-scFv] Standard Size Ab00647-23.0

This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Chicken scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: Bla g 1-scFv

Alternative Name(s) of Target: CockroachAllergen; Major cockroach allergen Bla g 1.0101; Blattella germanica allergen

UniProt Accession Number of Target Protein: Q9UAM5

Published Application(s): crystallography, ELISA

Published Species Reactivity: German Cockroach (B. germanica)

Immunogen: Bla g 1, a major cockroach allergen.

Specificity: This antibody binds to Bla g 1 of the German cockroach (Blattella germanica) but not to the counterpart of Periplaneta americana (Per a 1)

Application Notes: This antibody binds to Bla g 1 but does not compete with common allergenic IgE. The scFv version of this antibody has been used in co-crystallization studies of Bla g 1.

Antibody First Published in: Mueller et al. Characterization of an anti-Bla g 1 scFv: Epitope mapping and cross-reactivity Mol Immunol. 2014 Jun; 59(2): 200–207. [PMID:24667070](#)

Note on publication: Describes the generation, characterisation and use of this antibody in a co-crystallization study.

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.