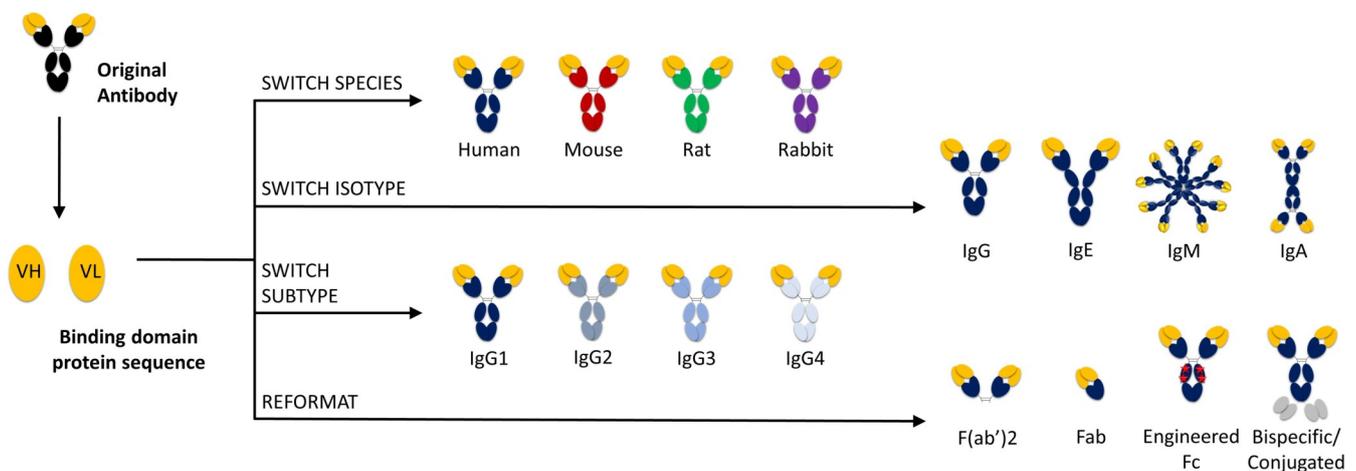


## Recombinant Anti-Allergen Antibodies

The immune system gives us powerful protection against pathogens, but can cause problems if it targets the wrong thing. This is widely demonstrated by type I hypersensitivity reactions, or “allergies”. To cater to the growing need for allergen detecting reagents, we offer a range of antibodies against common allergens. Many of these antibodies have been shown to compete with naturally occurring IgE – the principal antibody isotype mediating allergies. We also offer antibodies against IgE itself.

With our recombinant technology we can provide any antibody in any species or format, and at precisely the concentration you request. For example, we can provide your chosen specificity as both human IgE and IgG4 for precise measurement of IgE/IgG4 ratio. Due to their purity, designability, reliability and absolute definition, our recombinant antibodies are ideal calibrators and positive controls.



*Ask us about our range of anti-food allergen antibodies, launching soon!*

### Why go recombinant?

Because of their recombinant manufacture our antibodies show minimal batch-to-batch variability and have potential for customisation. We can convert any antibody into any format allowing us to offer each specificity in a range of species, isotypes and subtypes. This means our customers may ‘build’ the antibody which best suits them.

- ✓ Choose primary antibody format to suit your secondary reagent
- ✓ Choose antibody isotype - including IgM, IgE, IgA and all IgG subtypes
- ✓ Choose from a range of custom engineering options
- ✓ Choose from our catalog, or apply our recombinant technology to your own clone
- ✓ Choose your precise antibody concentration, no more approximations

*All of our antibody services are royalty-free.*



# Recombinant Anti-Allergen Antibodies

| Catalog No. | Antibody [Antibody Clone]       | Expected Species Reactivity                         | Applications                  |
|-------------|---------------------------------|---|-------------------------------|
| Ab00653     | Anti-Api m 2 [21E11]            | Honeybee ( <i>Apis mellifera</i> )                  | ELISA; crystallization        |
| Ab00665     | Anti-Bet v 1 [BAB2]             | Birch ( <i>Betula pendula</i> )                     | ELISA; activate; WB           |
| Ab00666     | Anti-Bet v 1 [BAB3]             | Birch ( <i>Betula pendula</i> )                     | ELISA; WB                     |
| Ab00667     | Anti-Bet v 1 [BAB4]             | Birch ( <i>Betula pendula</i> )                     | ELISA; WB                     |
| Ab00668     | Anti-Bet v 1 [BAB5]             | Birch ( <i>Betula pendula</i> )                     | ELISA; WB                     |
| Ab00648     | Anti-Bet v 1 [BV16]             | Birch ( <i>Betula pendula</i> )                     | WB; ELISA; crystallography    |
| Ab00649     | Anti-Bet v 1 [M0418]            | Birch ( <i>Betula pendula</i> )                     | ELISA; crystallography        |
| Ab00647     | Anti-Bla g 1 [Bla g 1-scFv]     | German Cockroach ( <i>B. germanica</i> )            | ELISA; crystallography        |
| Ab00651     | Anti-Bla g 2 [4C3]              | German Cockroach ( <i>B. germanica</i> )            | ELISA; crystallization        |
| Ab00646     | Anti-Bla g 2 [7C11]             | German Cockroach ( <i>B. germanica</i> )            | ELISA; crystallography        |
| Ab00650     | Anti-Bos d 5 [D1]               | Cow ( <i>Bos taurus</i> )                           | crystallization               |
| Ab00658     | Anti-Der f 1 [6A8]              | Dust Mite ( <i>Dermatophagoides farinae</i> )       | ELISA; crystallization        |
| Ab00657     | Anti-Der p 1 [10B9]             | Dust Mite ( <i>Dermatophagoides pteronissynus</i> ) | ELISA; crystallization        |
| Ab00659     | Anti-Der p 1 [5H8]              | Dust Mite ( <i>Dermatophagoides pteronissynus</i> ) | ELISA; crystallization        |
| Ab00132     | Anti-Der p 1, Der f 1 [4C1]     | House Dust Mite                                     | ELISA                         |
| Ab00702     | Anti-Der p 7 [WH9]              | House dust mite                                     | Block; ELISA                  |
| Ab00663     | Anti-Hev b 6.02 [G7]            | Para rubber tree ( <i>Hevea brasiliensis</i> )      | ELISA                         |
| Ab00661     | Anti-Hev b 6.02 [H8]            | Para rubber tree ( <i>Hevea brasiliensis</i> )      | ELISA                         |
| Ab00662     | Anti-Hev b 6.02 [M8]            | Para rubber tree ( <i>Hevea brasiliensis</i> )      | ELISA                         |
| Ab00717     | Anti-IgE [huMaE11 (Omalizumab)] | Human   | block; ELISA; crystallization |
| Ab00497     | Anti-IgE [TES-C21]              | Human   | block; ELISA                  |
| Ab00656     | Anti-Phl p 1 [Clone 10]         | Timothy-Grass ( <i>Phleum pratense</i> )            | WB                            |
| Ab00654     | Anti-Phl p 1 [Clone 25]         | Timothy-Grass ( <i>Phleum pratense</i> )            | WB; dotblot; ELISA            |
| Ab00655     | Anti-Phl p 1 [Clone 43]         | Timothy-Grass ( <i>Phleum pratense</i> )            | WB                            |
| Ab00645     | Anti-Phl p 5 [4.2]              | Timothy-Grass ( <i>Phleum pratense</i> )            | ELISA                         |

Can't see what you're looking for? Our catalog is growing quickly, and we're always looking for new reagents to add. Get in touch and we'll see if we can help you. Remember: ***"if you can describe it, we can make it."***