



# Human Anti-Cat Fel d 1 monoclonal antibody, clone REGN1909 (DMABB-JX343)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Product Overview</b>   | Recombinant anti-Fel d1 human monoclonal antibody  |
| <b>Specificity</b>        | binds to chain 2 of the Fel d 1, major cat allergen  |
| <b>Immunogen</b>          | The original antibody was generated by immunizing a Regeneron's VelocImmune human antibody producing transgenic mouse with recombinant dimeric Fel d 1.  |
| <b>Isotype</b>            | IgG  |
| <b>Source/Host</b>        | Human  |
| <b>Species Reactivity</b> | Feline   |
| <b>Clone</b>              | REGN1909   |
| <b>Purification</b>       | Protein A purified   |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | BL, FA, ELISA<br>Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. |
| <b>Format</b>             | Purified, Liquid   |
| <b>Concentration</b>      | Lot specific   |
| <b>Size</b>               | 200 µg, 1 mg   |
| <b>Buffer</b>             | PBS  |

|                     |  |
|---------------------|--|
| <b>Preservative</b> | None   |
| <b>Storage</b>      | For long term storage, store at -20 or -80°C, avoiding freeze/thaw cycles. |

## BACKGROUND

|                     |   |
|---------------------|---|
| <b>Introduction</b> | Fel d 1 is a protein that in cats is encoded by the CH1 (chain 1/Fel d 1-A) and CH2 (chain 2/Fel d 1-B) genes. The protein is of an unknown function to the animal but causes an IgG or IgE reaction in sensitive humans (either as an allergic or asthmatic response). |
| <b>Keywords</b>     | Major allergen I polypeptide chain 1; AG4; Allergen Cat-1; Allergen Fel d I-A; Allergen Fel d I-B; Allergen FdI; Allergen Fel DI; Chain 1; Chain 2  |