

Mouse Anti-House Dust Mite Der p 1 IgG1 Monoclonal Antibody, Clone 3B9E5

Catalog # 7141

For Research Use Only - Not Human or Therapeutic Use

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| DESCRIPTION: | Mouse anti-house dust mite (HDM) Der p 1 IgG1 monoclonal antibody, clone 3B9E5, unconjugated |
| APPLICATION: | Use for ELISA and Western Blotting |
| QUANTITY: | 0.1 ml, 1 mg/ml |
| FORM: | Solution in 0.05M phosphate buffered saline, pH 7.4 |
| SOURCE: | Mouse |
| REACTIVITY: | Reacts to Der p 1 from <i>Dermatophagoides pteronyssinus</i> . Does not react with <i>Dermatophagoides farinae</i> . |

NOTE: because HDM mixtures tend to be comprised of multiple allergens, reactivity to HDM containing Der p 1 may vary depending on HDM preparation protocols.

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| IMMUNOGEN: | Der p 1 from <i>Dermatophagoides pteronyssinus</i> |
| PURITY: | Purified by Protein G chromatography |
| SUBTYPE: | Mouse IgG1 |
| USAGE: | Dilute the antibody in buffer containing 1% blocking agents, such as bovine serum albumin, to prevent non-specific reactions in ELISA |
| STORAGE: | -20°C |
| STABILITY: | 1 year |
| NOTES: | Figure 1. Western blot data featuring Clone 3B9E5's reactivity to <i>Dermatophagoides pteronyssinus</i> |



Figure 1

Reactivity of this monoclonal antibody to HDM extract will depend on the composition of the HDM extract used. HDM extract composition can vary from batch to batch due to mite culture conditions and extraction protocols. Chondrex, Inc. recommends running a preliminary assay to check different lots of HDM extract before proceeding with large scale studies.

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| REFERENCES: | N/A |
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