

**DESCRIPTION**

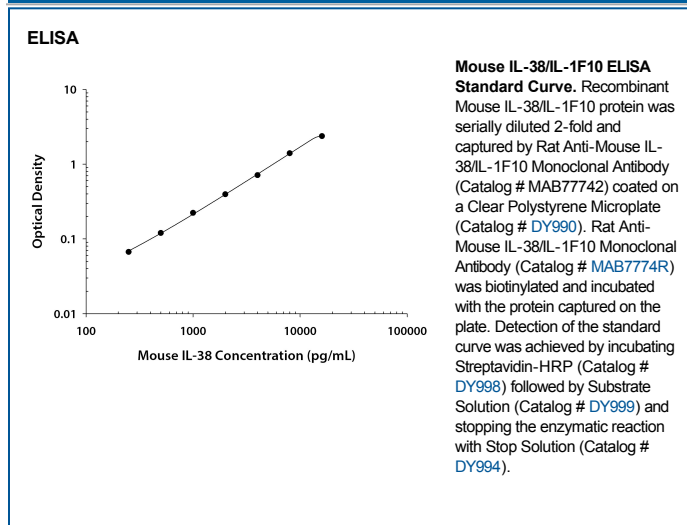
<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse IL-38/IL-1F10 in direct ELISAs.
<b>Source</b>	Recombinant Monoclonal Rat IgG <sub>2A</sub> Clone # 798038R
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant mouse IL-38/IL-1F10 Met1-Arg152 Accession # Q8R459
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

<b>ELISA</b>	This antibody functions as an ELISA capture antibody when paired with Rat Anti-Mouse IL-38/IL-1F10 Monoclonal Antibody (Catalog # <a href="#">MAB7774R</a> ).  <i>This product is intended for assay development on various assay platforms requiring antibody pairs. We recommend the Mouse IL-38/IL1F10 DuoSet ELISA Kit (Catalog # <a href="#">DY2427-05</a>) for convenient development of a sandwich ELISA.</i>
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**DATA**



**PREPARATION AND STORAGE**

<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C, as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after opening.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after opening.</li> </ul>

**BACKGROUND**

IL-1F10, also known as IL-1HY2, is a secreted protein that shares sequence and structural similarity with IL-1 receptor antagonist and other IL-1 family members. It is expressed in basal epithelia of the skin and in proliferating germinal center CD20<sup>+</sup> B cells. IL-1F10 binds soluble IL-1RI in vitro and may participate in regulation of immune responses. Mouse IL-1F10 shares 82% and 93% aa identity with human and rat IL-1F10, respectively. IL-1F10 is predicted to be 17 kDa.