

## Product datasheet

# Anti-IRAKM antibody ab56880

1 Image

### Overview

<b>Product name</b>	Anti-IRAKM antibody
<b>Description</b>	Mouse monoclonal to IRAKM
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment: RIDRMTQKTP FECSQSEVMF LSLDKKPEsk RNEEACNMPS SSCEESWFPK YVPSQDLRP YKVNIDPSSE APGHSCRSRP VESSCSSKFS WDEYEQYKKE , corresponding to amino acids 497-596 of Human IRAKM <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab56880** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 68 kDa.

## Target

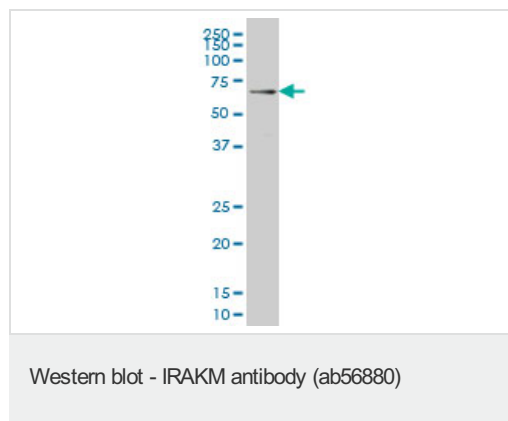
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<b>Function</b>	Inhibits dissociation of IRAK1 and IRAK4 from the Toll-like receptor signaling complex by either inhibiting the phosphorylation of IRAK1 and IRAK4 or stabilizing the receptor complex.
<b>Tissue specificity</b>	Expressed predominantly in peripheral blood lymphocytes.
<b>Involvement in disease</b>	Defects in IRAK3 are associated with susceptibility to asthma-related traits type 5 (ASRT5) [MIM:611064]. Asthma-related traits include clinical symptoms of asthma, such as coughing, wheezing, dyspnea, bronchial hyperresponsiveness as assessed by methacholine challenge test, serum IgE levels, atopy, and atopic dermatitis.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 death domain. Contains 1 protein kinase domain.

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## Images

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IRAK3 antibody (ab56880) at 1 µg/lane +  
HeLa cell lysate at 25 µg/lane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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