

Product datasheet

Anti-IRAKM antibody ab56880

1 Image

Overview

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

Properties

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

Applications

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

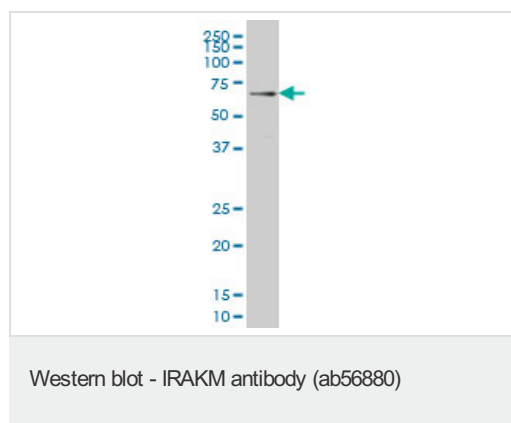
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

| | |
|-------------------------------|---|
| Function | 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. |
| Tissue specificity | Expressed predominantly in peripheral blood lymphocytes. |
| Involvement in disease | 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. |
| Sequence similarities | Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 death domain. Contains 1 protein kinase domain. |

Images



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

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