

# IRAK1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02250-2

## Capture Antibody Information

<b>Catalog Number:</b> 86068-2-PBS	<b>Clone ID:</b> 250691B9	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> interleukin-1 receptor-associated kinase 1
<b>Isotype:</b> IgG	<b>GenBank:</b> BC014963	<b>Gene ID:</b> 3654
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Ag0728	

## Detection Antibody Information

<b>Catalog Number:</b> 86068-4-PBS	<b>Clone ID:</b> 250691A10	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> interleukin-1 receptor-associated kinase 1
<b>Isotype:</b> IgG	<b>GenBank:</b> BC014963	<b>Gene ID:</b> 3654
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Ag0728	

## Applications

<b>Tested Applications:</b> Sandwich ELISA	<b>Range:</b> 78.1-5000 pg/mL (Sandwich ELISA)	<b>Recommended Dilutions:</b> It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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## Product Information

MP02250-2 targets IRAK1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IRAK1 Recombinant antibody, PBS Only (Capture) 86068-2-PBS (250691B9). 100 µg. Concentration 1 mg/mL.

Detection antibody: IRAK1 Recombinant antibody, PBS Only (Detector) 86068-4-PBS (250691A10). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

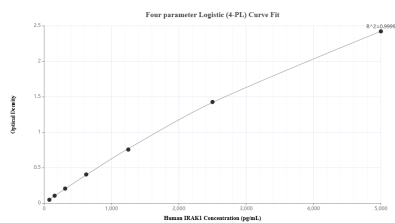
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

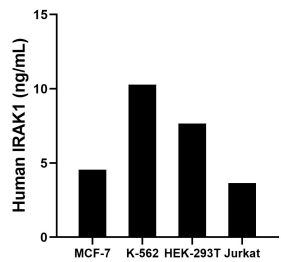
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

## Selected Validation Data



Sandwich ELISA standard curve of MP02250-2, Human IRAK1 Recombinant Matched Antibody Pair - PBS only. 86068-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0728. 86068-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean IRAK1 concentration was determined to be 4.55 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 10.28 ng/mL in K-562 cell extract based on a 2.5 mg/mL extract load, 7.66 ng/mL in HEK-293T cell extract based on a 1.3 mg/mL extract load and 3.65 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.