

## Mouse Monoclonal Antibody to IRAK4

<b>Catalogue Number</b>	sAP-0598
<b>Target Molecule</b>	<b>Name: IRAK4</b> <b>Aliases:</b> IPD1; REN64; NY-REN-64 <b>MW: 52kDa</b> <b>Entrez Gene ID: 51135</b>
<b>Description</b>	This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Immunogen</b>	Purified recombinant fragment of human IRAK4 expressed in E. Coli. ;
<b>Recitative Species</b>	Human; Mouse; Monkey
<b>Clone</b>	MM2H9;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Biol Chem. 2010 Jun 11;285(24):18276-82. ; 2. Scand J Immunol. 2009 Sep;70(3):264-76.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**