



# Rabbit Anti-Human IRAK1 monoclonal antibody, clone 20I43M23 (CABT-L1419)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with mouse based on sequence homology.
<b>Target</b>	IRAK1
<b>Immunogen</b>	A peptide corresponding to amino acids 579-591 of human IRAK1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Clone</b>	20I43M23
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ChIP, IHC-P, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

## BACKGROUND

**Introduction**

Interleukin-1 receptor-associated kinase 1, in humans, is encoded by the IRAK1 gene which is a serine/threonine-specific kinase. IRAK1 upon stimulation is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. On phosphorylation, IRAK1 recruits the adapter protein PELI1.

**Keywords**

IRAK1;interleukin-1 receptor-associated kinase 1;IRAK;pelle;IRAK-1;Pelle homolog

## GENE INFORMATION

**Entrez Gene ID**

[3654](#)

**UniProt ID**

[P51617](#)