

Datasheet for ABIN526492
anti-IRAK4 antibody (AA 255-351)



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2 Images

Overview

Quantity:	100 µg
Target:	IRAK4
Binding Specificity:	AA 255-351
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IRAK4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant IRAK4.
Immunogen:	IRAK4 (NP_057207, 255 a.a. ~ 351 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GDDLCLVYVY MPNGSLLDRL SCLDGTPLLS WHMRCKIAQG AANGINFLHE NHHIHRDIKS ANILLDEAFT AKISDFGLAR ASEKFAQTVM TSRIVGT
Clone:	1C3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	IRAK4
Alternative Name:	IRAK4 (IRAK4 Products)
Background:	Full Gene Name: interleukin-1 receptor-associated kinase 4 Synonyms: IPD1,NY-REN-64,REN64
Gene ID:	51135
NCBI Accession:	NM_016123
Pathways:	NF-kappaB Signaling , TLR Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades

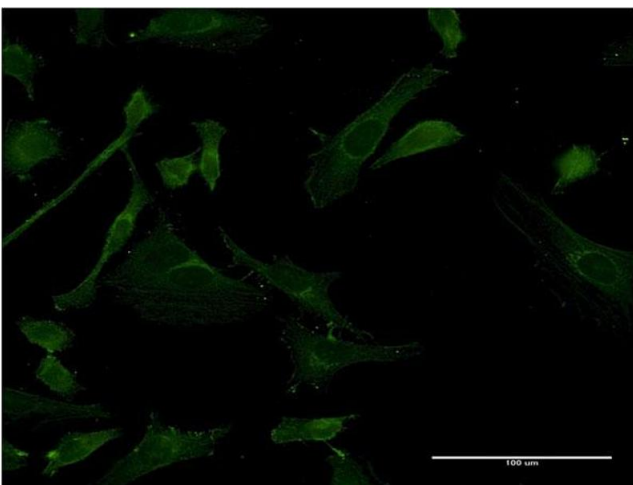
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

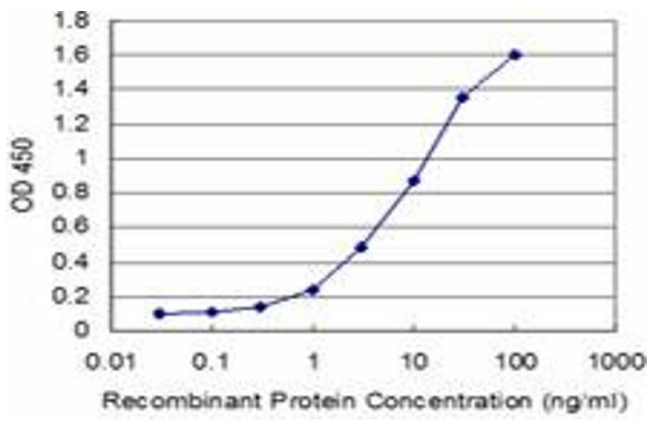
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to IRAK4 on HeLa cell. [antibody concentration 10 ug/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged IRAK4 is approximately 0.3ng/ml as a capture antibody.