

Datasheet for ABIN563839  
**anti-CDK5R1 antibody (AA 208-307)**

## 4 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CDK5R1
Binding Specificity:	AA 208-307
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDK5R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CDK5R1.
Immunogen:	CDK5R1 (AAH20580, 208 a.a. ~ 307 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	CRDVISSEVG SDHELQAVLL TCLYLSYSYM GNEISYPLKP FLVESCKEAF WDRCLSVINL MSSKMLQINA DPHYFTQVFS DLKNESGQED KKRLLLGLDR
Clone:	4G11
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	CDK5R1
Alternative Name:	CDK5R1 ( <a href="#">CDK5R1 Products</a> )
Target Type:	Viral Protein
Background:	Full Gene Name: cyclin-dependent kinase 5, regulatory subunit 1 (p35) Synonyms: CDK5P35,CDK5R,MGC33831,NCK5A,p23,p25,p35,p35nck5a
Gene ID:	8851
Pathways:	<a href="#">Stem Cell Maintenance</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

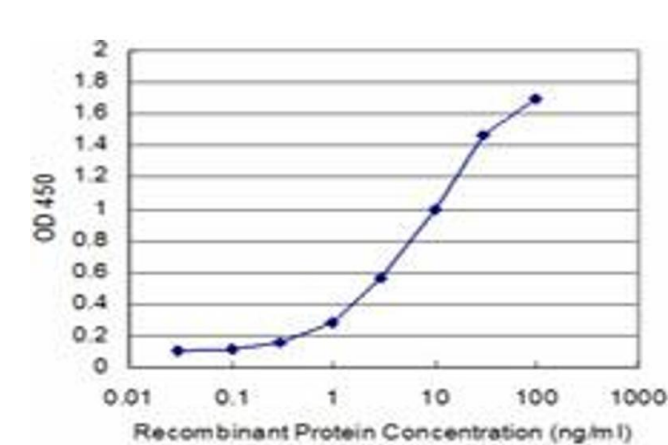
## Application Details

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

## Handling

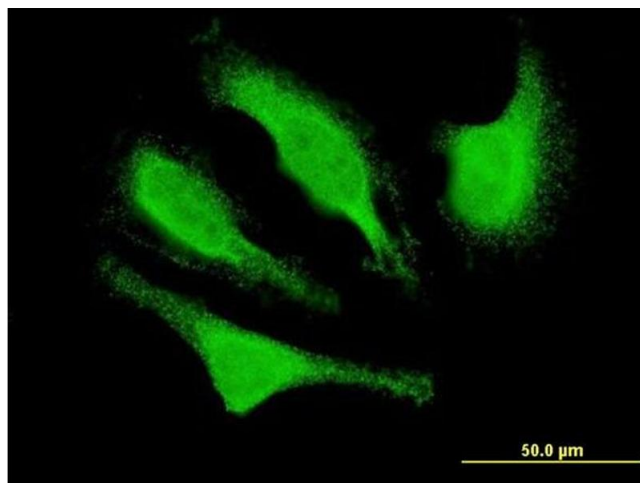
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



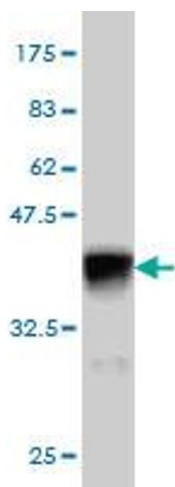
### ELISA

**Image 1.** Detection limit for recombinant GST tagged CDK5R1 is approximately 0.3ng/ml as a capture antibody.



#### Immunofluorescence

**Image 2.** Immunofluorescence of monoclonal antibody to CDK5R1 on HeLa cell. [antibody concentration 10 ug/ml]



#### Western Blotting

**Image 3.** Western Blot detection against Immunogen (36.74 kDa) .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN563839.