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Datasheet for ABIN565477

## anti-PIK3R4 antibody (AA 1259-1358)

### 5 Images

#### Overview

Quantity:	100 µg
Target:	PIK3R4
Binding Specificity:	AA 1259-1358
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PIK3R4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

#### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PIK3R4.
Immunogen:	PIK3R4 (NP_055417, 1259 a.a. ~ 1358 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	AGSDMKIRFW DLAYPERSYV VAGSTSSPSV SYRKKIIEGT EVVQEIQNKQ KVGPSDDTPR RGPESLPVGH HDIITDVATF QTTQGFIVTA SRDGIVKVKW
Clone:	1D4
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	PIK3R4
Alternative Name:	PIK3R4 ( <a href="#">PIK3R4 Products</a> )
Background:	Full Gene Name: phosphoinositide-3-kinase, regulatory subunit 4 Synonyms: MGC102700,VPS15,p150
Gene ID:	30849
NCBI Accession:	<a href="#">NM_014602</a>

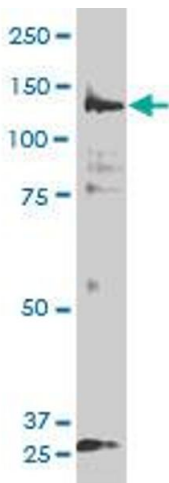
## Application Details

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

## Handling

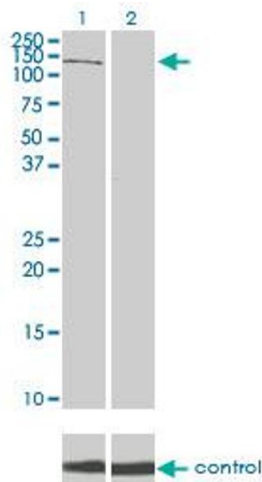
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



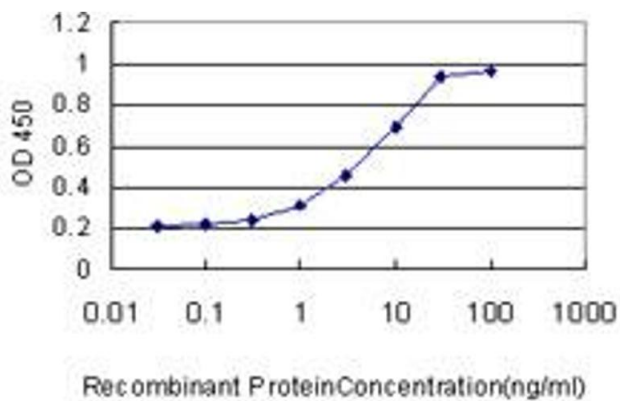
### Western Blotting

**Image 1.** PIK3R4 monoclonal antibody (M01), clone 1D4  
Western Blot analysis of PIK3R4 expression in HeLa .



### Western Blotting

**Image 2.** Western blot analysis of PIK3R4 over-expressed 293 cell line, cotransfected with PIK3R4 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with PIK3R4 monoclonal antibody (M01) clone 1D4. GAPDH ( 36.1 kDa ) used as specificity and loading control.



### ELISA

**Image 3.** Detection limit for recombinant GST tagged PIK3R4 is approximately 0.3ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN565477.