



Datasheet for ABIN564303
anti-AKT3 antibody (AA 100-189)



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4 Images

Overview

Quantity:	100 µg
Target:	AKT3
Binding Specificity:	AA 100-189
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AKT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant AKT3.
Immunogen:	AKT3 (AAD29089, 100 a.a. ~ 189 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EAIQAVADRL QRQEERMNC SPTSQIDNIG EEEMDASTTH HKRKTMNDFD YLKLLGKGTFF GKVILVREKA SGKYYAMKIL KKEVIAKDE
Clone:	6E10
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	AKT3
Alternative Name:	AKT3 (AKT3 Products)
Background:	Full Gene Name: v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma) Synonyms: DKFZp434N0250,PKB-GAMMA,PKBG,PRKBG,RAC-PK-gamma,RAC-gamma,STK-2
Gene ID:	10000
Pathways:	PI3K-Akt Signaling , RTK Signaling , TLR Signaling , Hepatitis C , VEGF Signaling

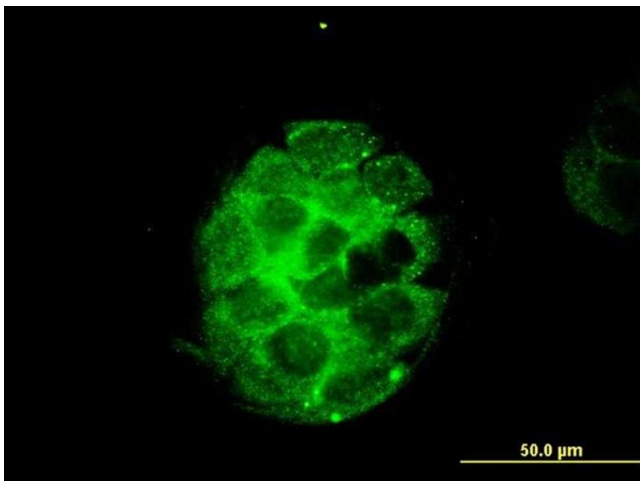
Application Details

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



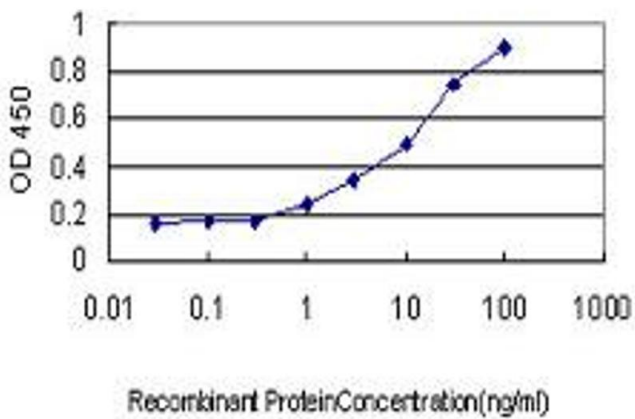
Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to AKT3 on MCF-7 cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 2. AKT3 monoclonal antibody (M02), clone 6E10 Western Blot analysis of AKT3 expression in MCF-7 .



ELISA

Image 3. Detection limit for recombinant GST tagged AKT3 is approximately 1ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN564303.