

Mouse TORC2 Monoclonal Antibody | anti-TORC2 antibody

TORC2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320245	Mouse	Human, Monkey	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TORC2; Monoclonal Antibody; TORC2 Monoclonal Antibody; CREB-regulated transcription coactivator 2; CRTC2; Transducer of regulated cAMP response element-binding protein 2; TORC-2; Transducer of CREB protein 2; anti-TORC2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Specificity	TORC2 Monoclonal Antibody detects endogenous levels of TORC2 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-TORC2 antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human TORC2 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



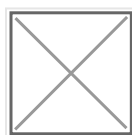
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells using TORC2 Monoclonal Antibody (green) and negative control (purple).



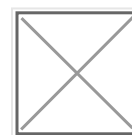
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using TORC2 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded ovary tumour tissues (left) and lung cancer (right) with DAB staining using TORC2 Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using TORC2 Monoclonal Antibody against HeLa (1) and HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-TORC2 antibody	This gene encodes a member of the transducers of regulated cAMP response element-binding protein activity family of transcription coactivators. These proteins promote the transcription of genes targeted by the cAMP response element-binding protein, and therefore play an important role in many cellular processes. Under basal conditions the encoded protein is phosphorylated by AMP-activated protein kinase or the salt-inducible kinases and is sequestered in the cytoplasm. Upon activation by elevated cAMP or calcium, the encoded protein translocates to the nucleus and increases target gene expression. Single nucleotide polymorphisms in this gene may increase the risk of type 2 diabetes. A pseudogene of this gene is located on the long arm of chromosome 5. [provided by RefSeq, Dec 2010]
Product Categories/Family for anti-TORC2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	32171215
NCBI GeneID	200186
NCBI Accession #	NP_859066
NCBI GenBank Nucleotide #	NM_181715.2
UniProt Accession #	Q53ET0; Q6UUV8; Q7Z3X7; Q8N332
Molecular Weight	Predicted: 67; 76 kDa Observed: 70 kDa
NCBI Official Full Name	CREB-regulated transcription coactivator 2
NCBI Official Synonym Full Names	CREB regulated transcription coactivator 2
NCBI Official Symbol	CRTC2
NCBI Official Synonym Symbols	TORC2; TORC-2
NCBI Protein Information	CREB-regulated transcription coactivator 2; transducer of regulated cAMP response element-binding protein (CREB) 2
UniProt Protein Name	CREB-regulated transcription coactivator 2
UniProt Gene Name	CRTC2
UniProt Synonym Gene Names	TORC2; TORC-2; Transducer of CREB protein 2
UniProt Entry Name	CRTC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.