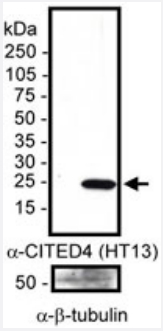
CITED4 monoclonal antibody, clone HT13-2D6.3

Catalog # MAB2352 Size 100 uL

Applications



Western Blot (Transfected lysate)

Detection of human CITED4 in 20ug of transfected whole cell Hep3B lysate using CITED4 monoclonal antibody, clone HT13-2D6.3 (Cat #MAB2352). Photo courtesy of Dr. DeCaprio, DFCI.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant CITED4.
Immunogen	Recombinant fusion protein corresponding to full length human CITED4.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1, kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Detection of human CITED4 in 20ug of transfected whole cell Hep3B lysate using CITED4 monoclonal antibody, clone HT13-2D6.3 (Cat #MAB2352).
  Photo courtesy of Dr. DeCaprio, DFCI.

- Immunofluorescence
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

Gene Info — CITED4

Entrez GeneID	163732
Protein Accession#	Q96RK1
Gene Name	CITED4
Gene Alias	-
Gene Description	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4
Omim ID	606815
Gene Ontology	Hyperlink
Gene Summary	CITED4 belongs to a family of transcriptional coactivators that bind several proteins, including CR EB-binding protein (MIM 600140) and p300 (MIM 602700).[supplied by OMIM
Other Designations	OTTHUMP00000009206|transcriptional co-activator 4

Publication Reference

- CITED4 inhibits hypoxia-activated transcription in cancer cells, and its cytoplasmic location in breast cancer is associated with elevated expression of tumor cell hypoxia-inducible factor 1alpha.

  Fox SB, Braganca J, Turley H, Campo L, Han C, Gatter KC, Bhattacharya S, Harris AL.

  Cancer Research 2004 Sep; 64(17):6075.

  Application: IHC-P, WB, Human, Human breast cancer, ECV304, MDA-MB-231 cells

Disease

- Genetic Predisposition to Disease
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Puberty
- Thrombophilia
- Tobacco Use Disorder