

Product datasheet for **CF810206**

NIRF (UHRF2) Mouse Monoclonal Antibody [Clone ID: OT11H2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11H2
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-288 of human UHRF2(NP_690856) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	89.8 kDa
Gene Name:	ubiquitin like with PHD and ring finger domains 2
Database Link:	NP_690856 Entrez Gene 109113 MouseEntrez Gene 309331 RatEntrez Gene 115426 Human Q96PU4



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Background:

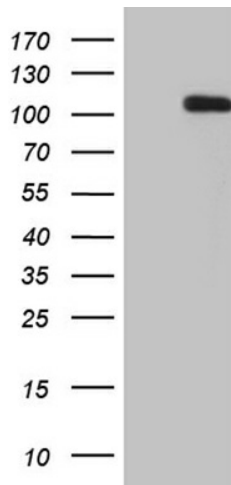
This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis. The encoded protein contains an NIRF_N domain, a PHD finger, a set- and ring-associated (SRA) domain, and a RING finger domain and several of these domains have been shown to be essential for the regulation of cell proliferation. This protein may also have a role in intranuclear degradation of polyglutamine aggregates. Alternative splicing results in multiple transcript variants some of which are non-protein coding. [provided by RefSeq, Feb 2012]

Synonyms:

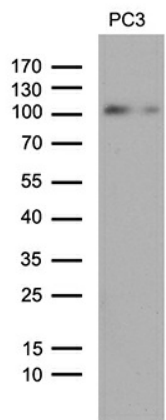
NIRF; RNF107; TDRD23; URF2

Protein Families:

Druggable Genome, Transcription Factors

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UHRF2 ([RC219579], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UHRF2 (1:2000). Positive lysates [LY407258] (100ug) and [LC407258] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from PC3 by using anti-UHRF2 monoclonal antibody (1:500).