

## Product datasheet for **CF810211**

### **NIRF (UHRF2) Mouse Monoclonal Antibody [Clone ID: OTI4G10]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4G10
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:500~2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 1-288 of human UHRF2(NP_690856) produced in E.coli.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	89.8 kDa
<b>Gene Name:</b>	ubiquitin like with PHD and ring finger domains 2
<b>Database Link:</b>	<a href="#">NP_690856</a> <a href="#">Entrez Gene 109113</a> <a href="#">MouseEntrez Gene 309331</a> <a href="#">RatEntrez Gene 115426</a> <a href="#">Human Q96PU4</a>



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**Background:**

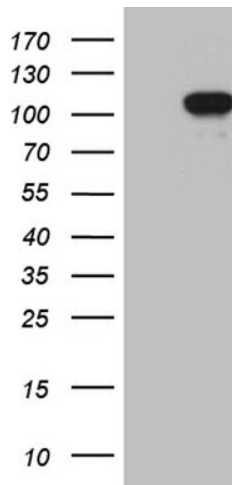
This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis. The encoded protein contains an NIRF\_N domain, a PHD finger, a 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:**

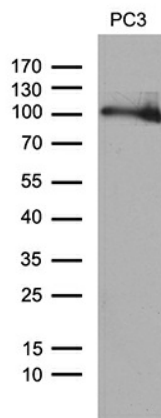
NIRF; RNF107; TDRD23; URF2

**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).