

## Datasheet

### RNF139 monoclonal antibody (M01), clone 3D10

**Catalog Number:** H00011236-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant RNF139.

**Clone Name:** 3D10

**Immunogen:** RNF139 (NP\_009149, 565 a.a. ~ 664 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

HYFHALCLRKWLVIQDTCPMCHQKVYIEDDIKDNSNVS  
NNGGFIPPNETPEEAVREAAAESDRELNEDDSTDCDD  
DVQRRERNGVIQHTGAAAEFNDTDT

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 11236

**Gene Symbol:** RNF139

**Gene Alias:** HRCA1, MGC31961, RCA1, TRC8

**Gene Summary:** The protein encoded by this gene is a multi-membrane spanning protein containing a RING-H2 finger. This protein is located in the endoplasmic reticulum, and has been shown to possess ubiquitin

ligase activity. This gene was found to be interrupted by a t(3:8) translocation in a family with hereditary renal and non-medullary thyroid cancer. Studies of the Drosophila counterpart suggested that this protein may interact with tumor suppressor protein VHL, as well as with COPS5/JAB1, a protein responsible for the degradation of tumor suppressor CDKN1B/P27KIP. [provided by RefSeq]

**References:**

1. A meckelin-filamin A interaction mediates ciliogenesis. Adams M, Simms RJ, Abdelhamed Z, Dawe HR, Szymanska K, Logan CV, Wheway G, Pitt E, Gull K, Knowles MA, Blair E, Cross SH, Sayer JA, Johnson CA. Hum Mol Genet. 2011 Dec 7.