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for diagnostic or  
therapeutic use.**

Storage: Aliquot and store at  
-20°C. Minimize freezing and  
thawing.

**Related Products**  
EB05889

## Product: EB08553 – Goat anti-RNF34 / RFI (internal) antibody

*This product is one of a range of **Investigative Grade** antibodies, made against targets that have limited or no commercial antibodies available to them and for which there are no data on the expression of the protein in the range of common cell lines and tissues available to us. These antibodies are affinity purified using their peptide immunogen and are known to give low background staining in a western blot (see Application Notes below). However no additional claims are made for their ability to recognise native protein in any application.*

### **Target Protein**

Principal Names: RNF34; ring finger protein 34 ; FLJ21786; RFI; RIF; RIFF; FYVE-RING finger protein MOMO; RING finger protein RIFF; hRFI

Official Gene Symbol: RNF34

Accession Number(s): NP\_919247.1; NP\_079402.2

Human Gene ID(s): 80196

Non-Human GeneID(s): 80751 (mouse); 282845 (rat);

This antibody is expected to recognize both reported isoforms (NP\_919247.1; NP\_079402.2).

### **Immunogen**

Peptide with sequence C-RLYKENEENQKSY, from the internal region of the protein sequence according to NP\_919247.1; NP\_079402.2

### **Purification**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:64,000. Western Blot: Preliminary experiments gave an approx 35kDa band in Human Lymph Node, Ovary and Testis lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 41.7kDa according to NP\_919247.1. The 35kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### **Species Reactivity**

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

### **Background Reference**

Konishi T, Sasaki S, Watanabe T, Kitayama J, Nagawa H.  
Overexpression of hRFI (human ring finger homologous to inhibitor of apoptosis protein type) inhibits death receptor-mediated apoptosis in colorectal cancer cells. Mol Cancer Ther. 2005 May;4(5):743-50.  
PMID: 15897238

