



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05410 - Goat Anti-MRGX Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MORF4L2, MRGX, MORF-related gene X, KIAA0026, KIAA0026 gene product, mortality factor 4 like 2, RP5-1055C14.2, MORFL2, MSL3-2 protein, OTTHUMP00000023756

**Official Symbol:** MORF4L2

**Accession Number(s):** NP\_036418.1

**Human GeneID(s):** [9643](#)

**Non-Human GeneID(s):** 56397 (mouse)

### Immunogen

Peptide with sequence SSRKQGSQPRGQQS-C, from the N Terminus of the protein sequence according to NP\_036418.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 35kDa band observed in lysates of cell line A431 (calculated MW of 32.3kDa according to NP\_036418.1). In transfected HEK293 transiently expressing MORF4L2 a band of approx. 37kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 1-3µg/ml. Primary incubation was for 1 hour.

**Additional validation:** This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

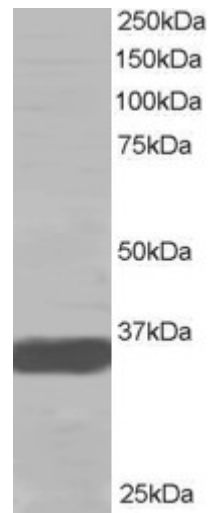
**This antibody has been successfully used in the following paper:**

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdengen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen

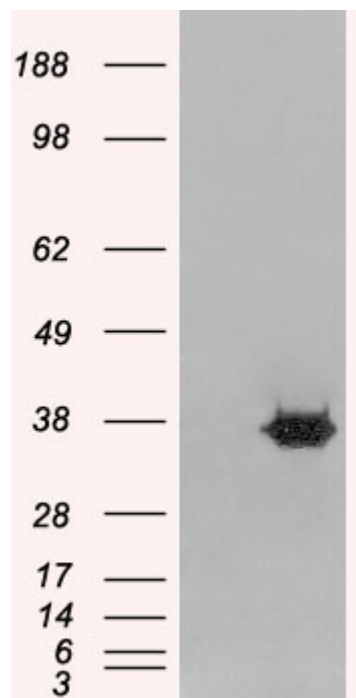
A high-throughput pipeline for validation of antibodies

Nat Methods. 2018 Nov;15(11):909-912

PMID: 30377371



EB05410 staining (0.2µg/ml) of A431 lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.



HEK293 overexpressing MORF4L2 (RC210566) and probed with EB05410 (mock transfection in first lane), tested by Origene.