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Research Use Only. Not for diagnostic or therapeutic use.

EB07082 - Goat Anti-OGFR Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OGFR, opioid growth factor receptor, HGNC:15768, 7-60 protein,

zeta-type opioid receptor, met-enkephalin receptor

Official Symbol: OGFR

Accession Number(s): NP_031372.2

Human GeneID(s): 11054

Immunogen

Peptide with sequence C-QDAEVESSAKSGK, from the C Terminus of the protein sequence according to NP_031372.2.

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 1:4000.

Western blot: Approx 75kDa band observed in nuclear cell lysates of HEK293 and A431 (calculated MW of 73.3kDa according to NP_031372.2) Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

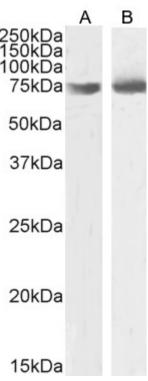
Immunofluorescence: Strong expression of the protein seen in the nuclei of A431 and U2OS cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

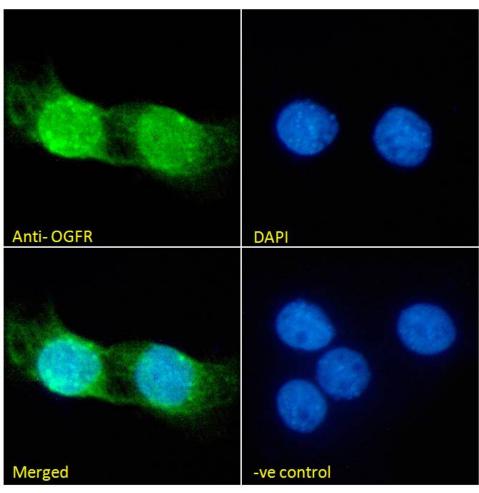
Species Reactivity

Tested: Human

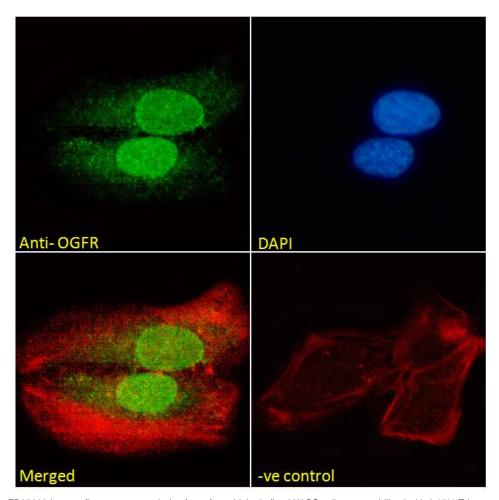
Expected from sequence similarity: Human



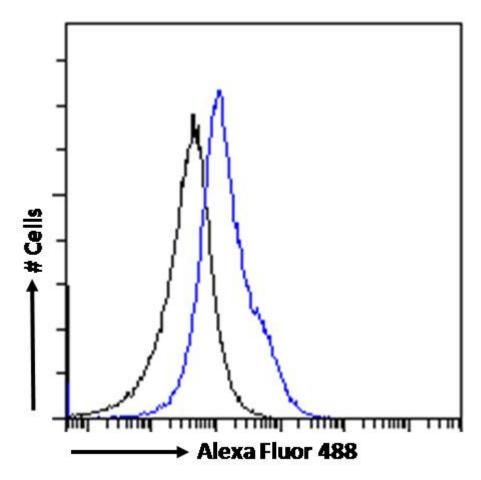
EB07082 (2 μ g/ml) staining of HEK293 (A),and A431 (B) nuclear cell lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07082 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear



EB07082 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07082 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.