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

EB07163 - Goat Anti-TNFSF11 / OPGL Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TNFSF11, tumor necrosis factor (ligand) superfamily, member 11, ODF, OPGL, RANKL, TRANCE, hRANKL2, sOdf, TNF-related activation-induced cytokine, osteoclast differentiation factor, osteoprotegerin ligand, receptor activator of nuclear factor kappa B ligand tumor necrosis factor ligand superfamily, member 11

Official Symbol: TNFSF11

Accession Number(s): NP_003692.1; NP_143026.1

Human GeneID(s): [8600](#)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_003692.1 and NP_143026.1).

Immunogen

Peptide with sequence C-DLAKRSKLEAQP, from the internal region of the protein sequence according to NP_003692.1; NP_143026.1.

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 1:16000.

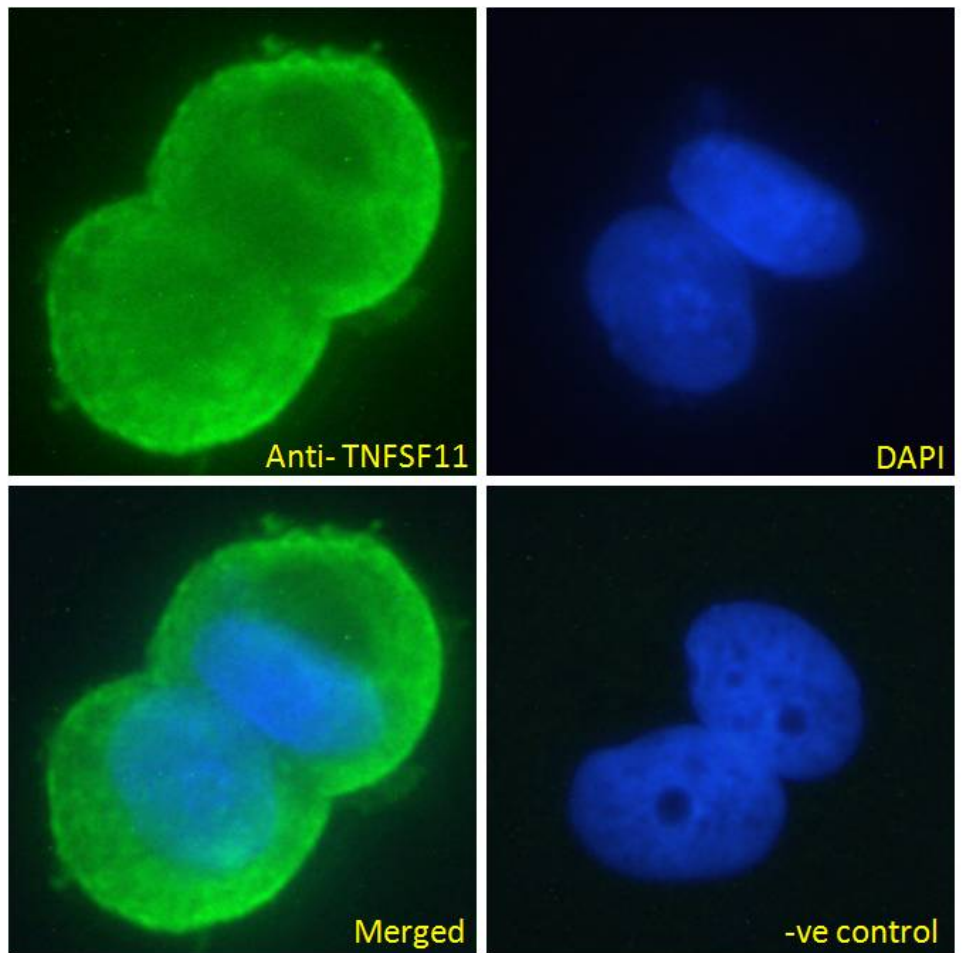
Immunofluorescence: Strong expression of the protein seen in the membranes of MCF7 and NIH3T3 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of MCF7 cells. Recommended concentration: 10ug/ml.

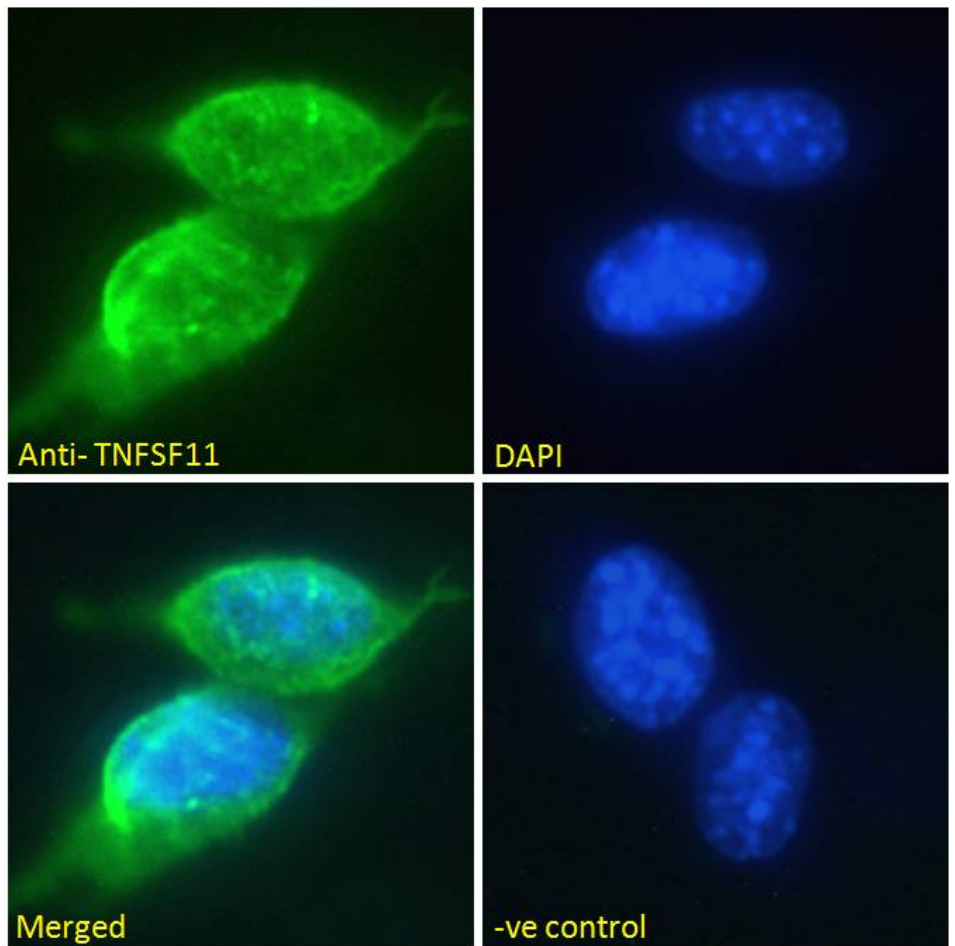
Species Reactivity

Tested: Human, Mouse

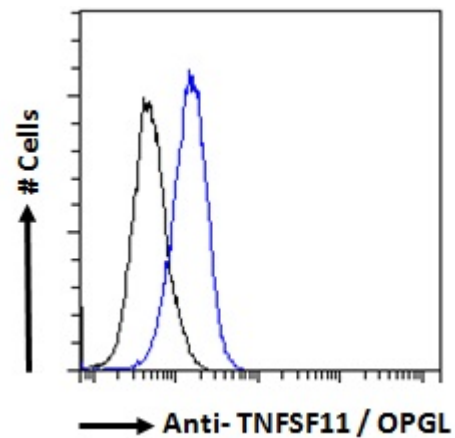
Expected from sequence similarity: Human



EB07163 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and secreted staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07163 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and secreted staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07163 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (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.