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

EB07113 - Goat Anti-TIM3 / HAVCR2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HAVCR2, TIM3, hepatitis A virus cellular receptor 2, FLJ14428, KIM-3, TIMD3, Tim-3, T cell immunoglobulin mucin 3, T cell immunoglobulin mucin-3, kidney injury molecule-3

Official Symbol: HAVCR2

Accession Number(s): NP_116171.3

Human GeneID(s): [84868](#)

Immunogen

Peptide with sequence C-KWYSHSKEIKQN, from the internal region of the protein sequence according to NP_116171.3.

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 1:64000.

Western blot: Approx 35kDa band observed in lysates of cell lines A549 and HepG2 and in preliminary testing of Jurkat and U937 cell lysate (calculated MW of 33.4kDa according to NP_116171.3). Recommended concentration: 0.1-1µg/ml. Primary incubation 1 hour at room temperature.

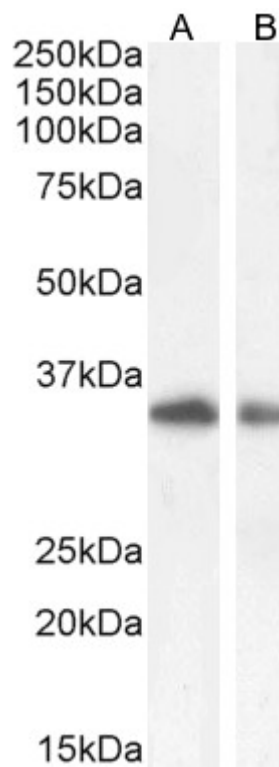
Immunofluorescence: Strong expression of the protein seen in the nucleus and plasma membrane of HepG2 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

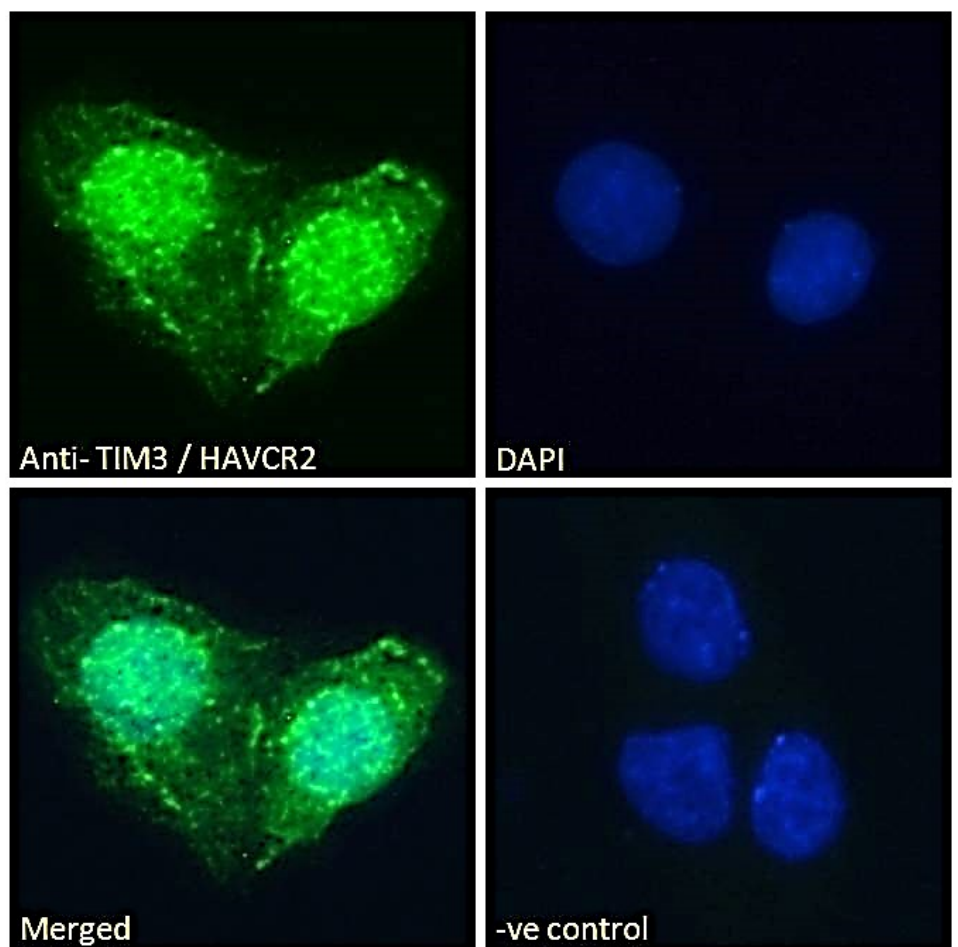
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

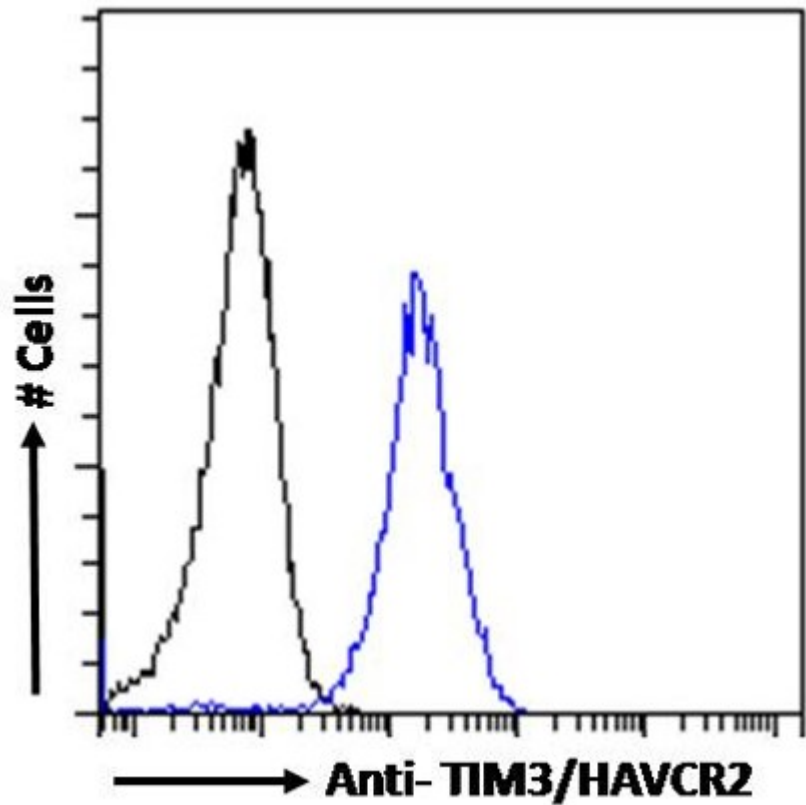


EB07113 (0.1 μ g/ml) staining of A549 (A) and (0.5 μ g/ml) HepG2 (B) cell lysate (35 μ g protein in RIPA buffer).
Detected by chemiluminescence.



EB07113 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 μ g/ml) followed by Alexa Fluor 488 secondary antibody (2 μ g/ml), showing

nuclear and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07113 Flow cytometric analysis of paraformaldehyde fixed HepG2 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.