

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB07835 - Goat Anti-DPP4 / CD26 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DPP4, CD26, dipeptidyl-peptidase 4 (CD26, adenosine deaminase complexing protein 2), ADABP, ADCP2, DPPIV, TP103, T-cell activation antigen CD26, adenosine deaminase complexing protein 2, dipeptidylpeptidase 4 (CD26, adenosine deaminase complexing protein 2), dipeptidylpeptidase IV, dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2)

Official Symbol: DPP4

Accession Number(s): NP_001926.2

Human GeneID(s): 1803

Non-Human GenelD(s): 13482 (mouse), 25253 (rat)

Immunogen

Peptide with sequence C-PPHFDKSKKYP, from the internal region of the protein sequence according to NP_001926.2.

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 1:64000.

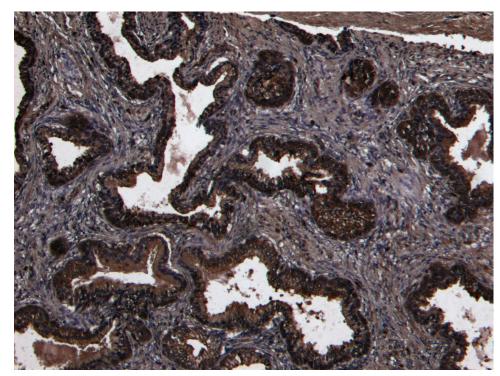
IHC: Paraffin embedded Human Prostate. Recommended concentration: 8µg/ml.

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

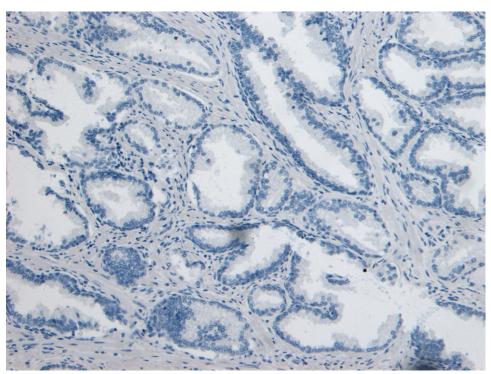
Species Reactivity

Tested: Human

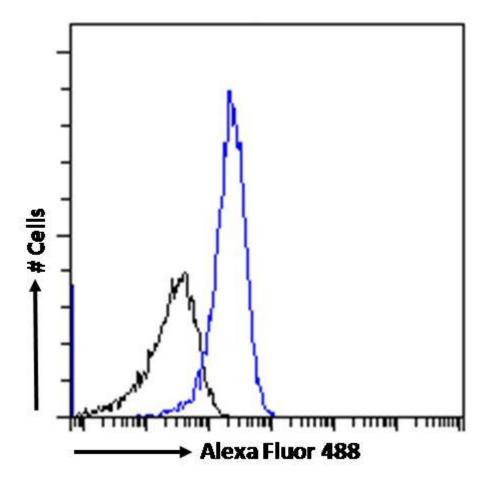
Expected from sequence similarity: Human, Mouse, Rat



EB07835 (8µg/ml) staining of paraffin embedded Human Prostate. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07835 Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.



EB07835 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). lgG control:

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