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Research Use Only. Not for diagnostic or therapeutic use.

EB05691 - Goat Anti-PIR51 / RAD51AP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RAD51AP1, PIR51, RAD51-interacting protein, RAD51 associated

protein 1

Official Symbol: RAD51AP1

Accession Number(s): NP_001124334.1; NP_006470

Human GeneID(s): 10635

Important Comments: This antibody is expected to recognise both reported isoforms.

Immunogen

Peptide with sequence C-ARVKPLHPNATST, from the C Terminus of the protein sequence according to NP_001124334.1; NP_006470.

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.

IHC: In paraffin embedded Human Testis shows nuclear staining in spermatocytes and spermatids. Recommended concentration: 4-6µg/ml.

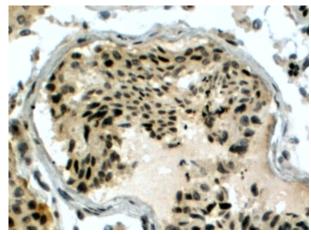
Immunofluorescence: Strong expression of the protein seen in the nuclei of HeLa cells. Recommended concentration: 10µg/ml.

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

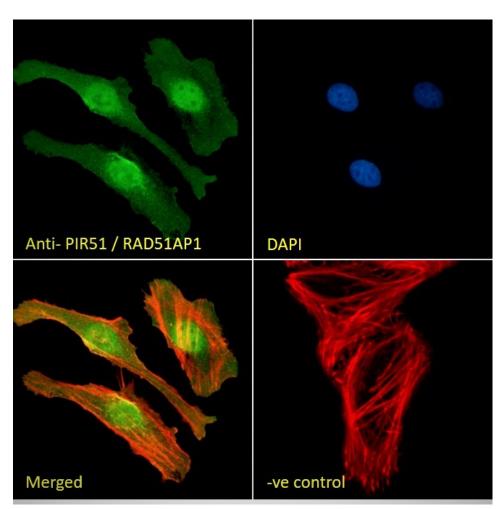
Species Reactivity

Tested: Human

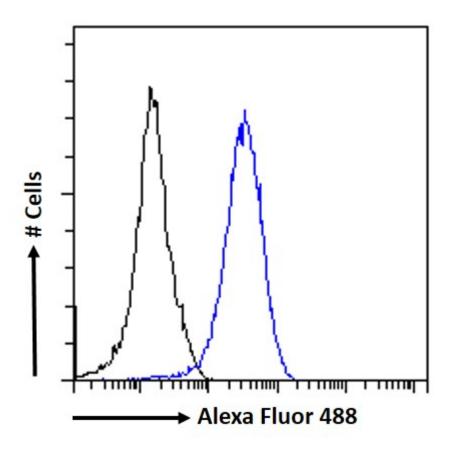
Expected from sequence similarity: Human, Dog, Cow



EB05691 ($4\mu g/ml$) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



EB05691 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing strong 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).



EB05691 Flow cytometric analysis of paraformaldehyde fixed HeLa 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.