

Datasheet for ABIN184863
anti-RAD51AP1 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	RAD51AP1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RAD51AP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	PIR51 / RAD51AP1
Immunogen:	Peptide with sequence C-ARVKPLHPNATST, from the C Terminus of the protein sequence according to NP_001124334.1, NP_006470.
Sequence:	ARVKPLHPNA TST
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms.
Cross-Reactivity:	Cow, Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

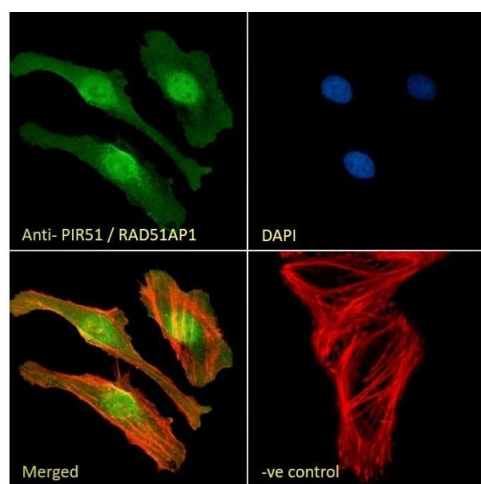
Target:	RAD51AP1
Alternative Name:	RAD51AP1 (RAD51AP1 Products)
Background:	RAD51AP1, PIR51, RAD51-interacting protein, RAD51 associated protein 1
Gene ID:	10635
NCBI Accession:	NP_001124334 , NP_006470

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Testis shows nuclear staining in spermatocytes and spermatids. Recommended concentration: 4-6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	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.
Restrictions:	For Research Use only

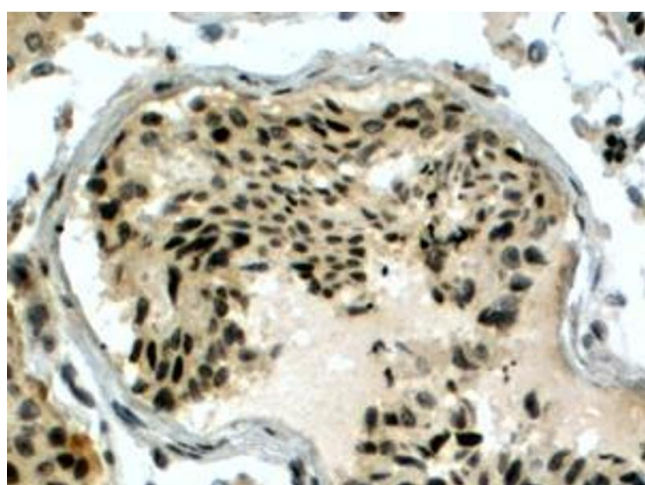
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



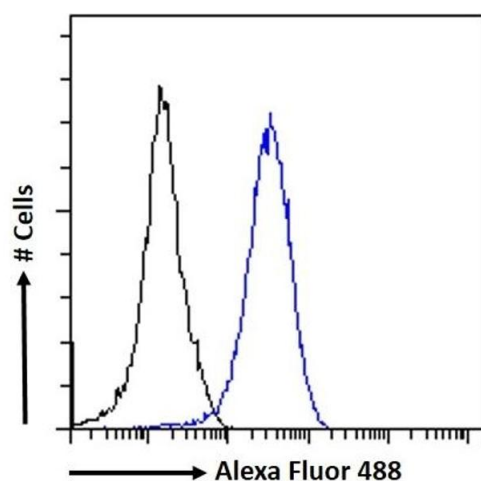
Immunofluorescence

Image 1. (ABIN184863) Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing strong nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).



Immunohistochemistry

Image 2. ABIN184863 (4µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



Flow Cytometry

Image 3. (ABIN184863) Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.