

Datasheet for ABIN185018
anti-ECT2 antibody (N-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ECT2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ECT2 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	ECT2
Immunogen:	Peptide with sequence AENSVLTSTTGRT-C, from the N Terminus of the protein sequence according to NP_060568.3.
Sequence:	AENSVLTSTT GRT
Isotype:	IgG
Specificity:	This antibody is expected to recognise NP_001245244.1 (iso a), NP_060568.3 (iso b), NP_001336023.1 (iso c), NP_001336026.1 (iso d), NP_001336030.1 (iso e), NP_001336031.1 (iso f), NP_001336032.1 (iso g)
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: ECT2

Alternative Name: ECT2 ([ECT2 Products](#))

Background: ECT2, epithelial cell transforming sequence 2 oncogene, FLJ10461, epithelial cell transforming sequence 2 oncogene protein

Gene ID: 1894

NCBI Accession: [NP_060568](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Peptide ELISA: antibody detection limit dilution 1:128000.

Comment: **Immunofluorescence:** Strong expression of the protein seen in the nuclei and cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml.
Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended conc

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.

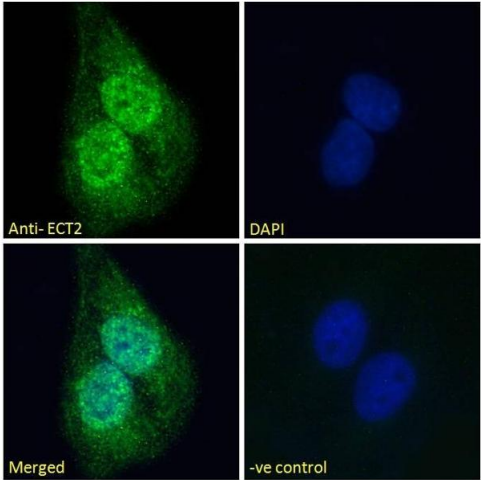
Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Handling

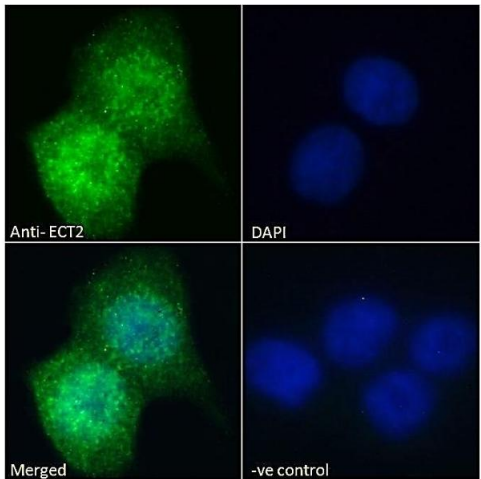
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



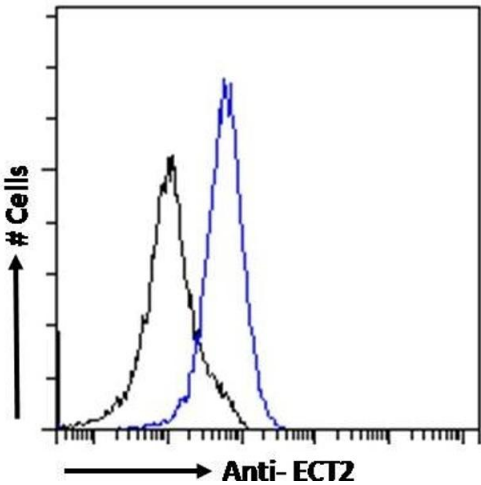
Immunofluorescence

Image 1. (ABIN185018) Immunofluorescence analysis of paraformaldehyde fixed U2OS 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 and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).



Immunofluorescence

Image 2. (ABIN185018) Immunofluorescence analysis of paraformaldehyde fixed A431 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 and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).



Flow Cytometry

Image 3. (ABIN185018) Flow cytometric analysis of paraformaldehyde fixed A431 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 (10 µg/mL) followed by Alexa Fluor 488 secondary antibody.