

## ECT2 | Validation File

**TARGET** ECT2 (Epithelial cell-transforming sequence 2 oncogene)

**CLONE NAME** ECO311E

**DESCRIPTION** mouse monoclonal

**ANTIGEN USED** HIS-ECT2 (aa454-648)

**ISOTYPE** IgG1

**SPECIES REACTIVITY** human

**LOCALIZATION** nucleus and cytoplasm

**POSITIVE CONTROL** testicle tissue

**STORAGE BUFFER** Tissue culture supernatant: 0.02% sodium azide  
Purified antibody: PBS plus 1%BSA and 0.02% sodium azide. MAb concentration: 1mg/ml

**STORAGE** Aliquot and store at 4C. Do not freeze

 Recommended

 Inconclusive

 Not Recommended

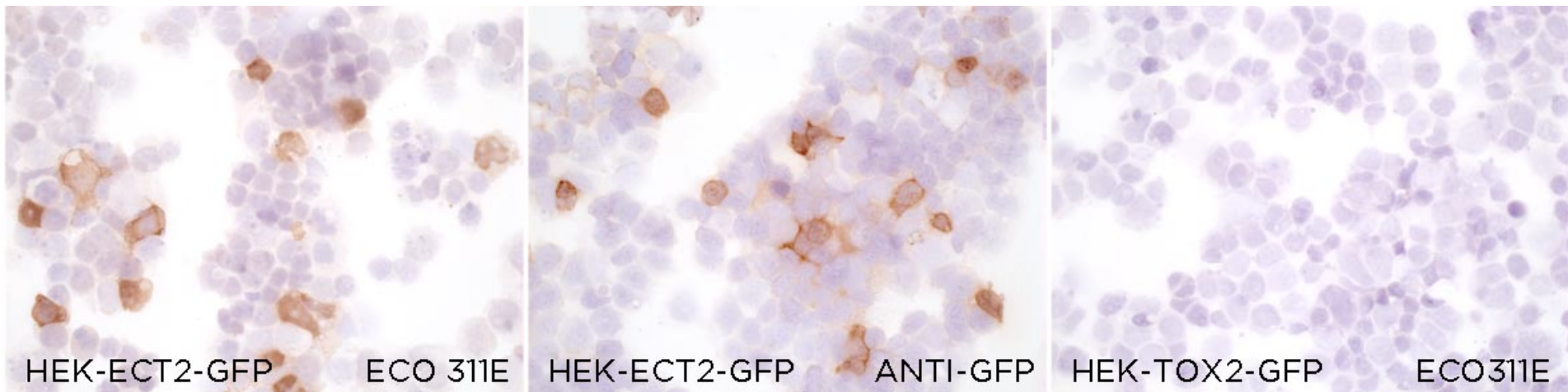
 Not Tested

# APPLICATIONS

## ● | ICC | Immunocytochemistry

ECO311E antibody is able to detect human ECT2 protein in immunocytochemistry

To confirm that ECO311E mAb recognizes human ECT2 protein, immunocytochemistry on frozen cytopins preparations of human ECT2 expressed in HEK293 cell line was performed. Anti-GFP was used as positive control. HEK-TOX2 was used as negative control.



● | WB | **Western Blotting**

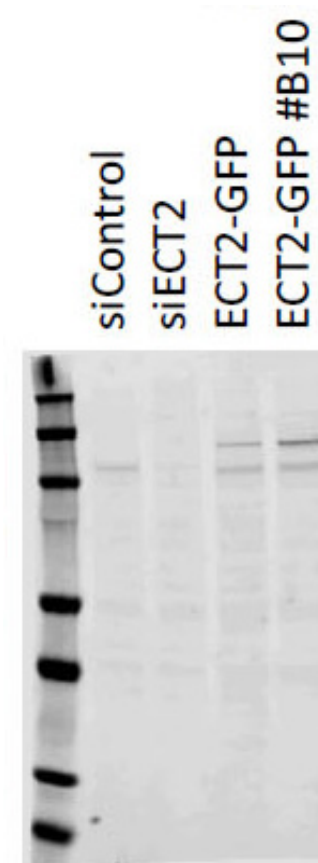
ECO311E mAb is able to detect human ECT2 protein by WB.

**DILUTION** neat supernatant (no dilution)

Predicted molecular weight: **103kDa**  
Observed molecular weight: **103kDa**

LANES

|  |             |
|--|-------------|
| Lane 1 siCONTROL                           | (100ug) (-) |
| Lane 2 U2OS siECT2                         | (100ug) (-) |
| Lane 3 U2OS-ECT2-GFP transfected cell line | (100ug) (+) |
| Lane 4 U2OS-ECT2-GFP transfected cell line | (100ug) (+) |



● | IHC-P | **Immunohistochemistry (paraffin)**

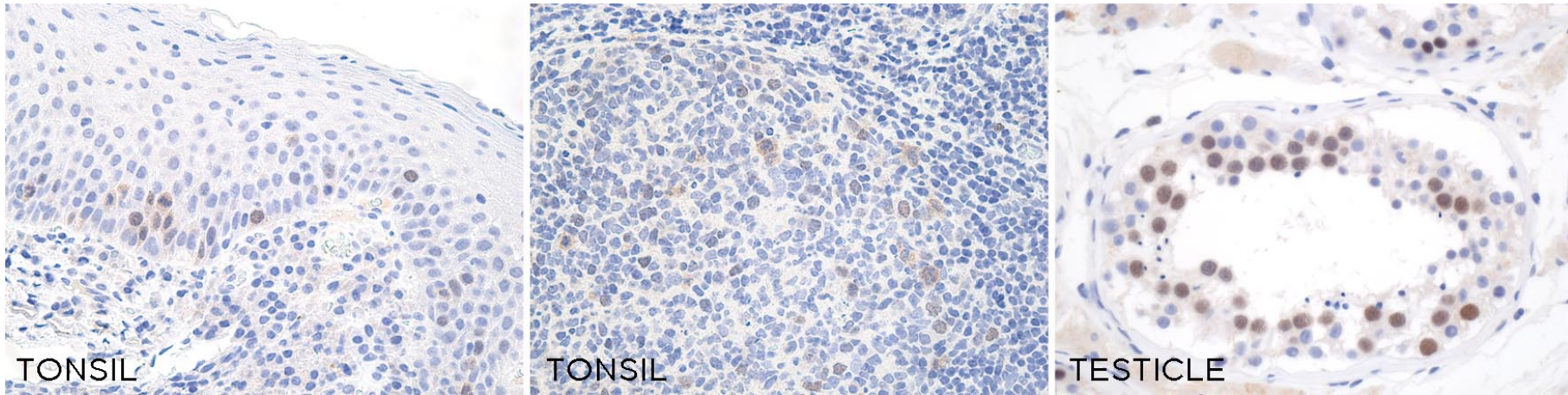
ECO311E mAb can be used to detect ECT2 protein in human paraffin tissues

**TISSUE SAMPLE** Human tonsil and testicle

**DILUTION** neat supernatant

**ANT. RETRIEVAL** 20 minutes ER2 (Tris-EDTA)

**DETECTION SYSTEM** Novolink kit (BondMax Leica)



● | IHC-F | **Immunohistochemistry (frozen)** Not tested

● | IF | **Immunofluorescence (paraffin)** Not tested

● | FC | **Flow Cytometry** Not Tested

● | IP | **Immunoprecipitation** Not Tested