

PR | Validation File

TARGET PR (proline:arginine (PRn) poly-dipeptide)

CLONE NAME PERA534G

DESCRIPTION Rat monoclonal

ANTIGEN USED poly-PR peptide

ISOTYPE IgG2c

SPECIES REACTIVITY Human

LOCALIZATION Nucleolus

POSITIVE CONTROL transfected HEK293T- poly PR

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

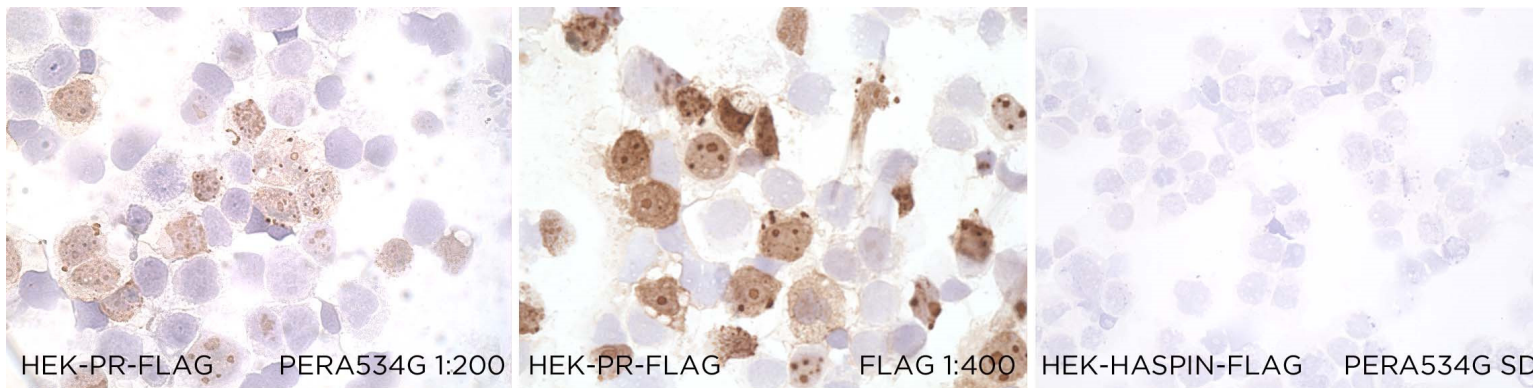
APPLICATIONS

● | ICC | *Immunocytochemistry*

PERA534G is able to detect PR polypeptide in immunocytochemistry

DILUTION Neat supernatant

To confirm that PERA534G mAb recognizes PR polypeptide, immunocytochemistry on frozen cytospin preparations of PR-Flag polypeptide expressed in HEK293 cell line was performed. Anti-Flag was used as a positive control.



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

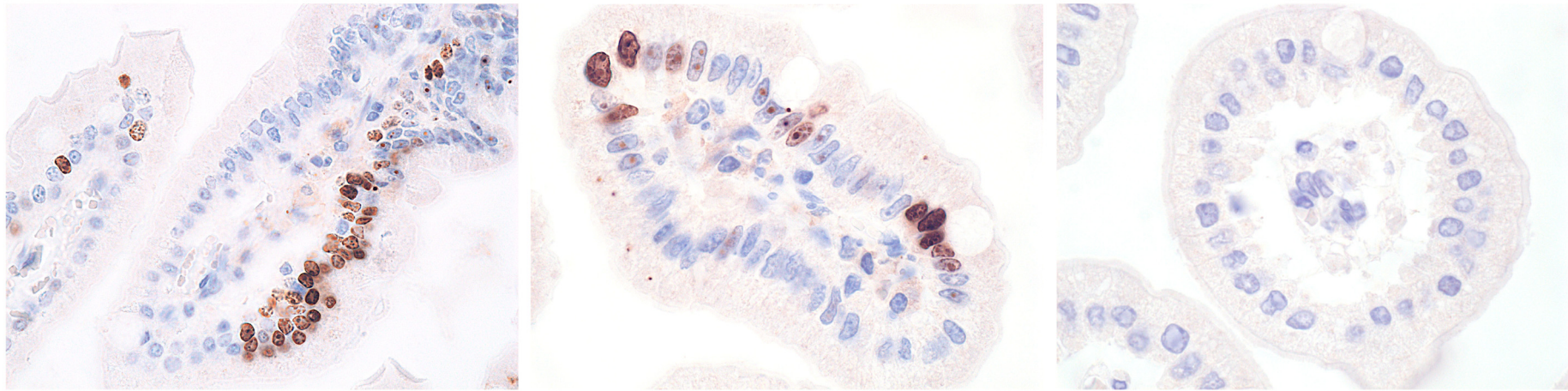
PERA534G mAb can be used to detect poly PR peptide in mouse paraffin tissues

TISSUE SAMPLE intestine of PR97 + ColA1_tet(PR)97-HA-FLAG (KI/KI) Rosa26_rtTA (+/KI) mouse and Control ColA1_tet(PR)97-HA-FLAG (KI/KI) Rosa26_rtTA (+/+) mouse

DILUTION 1:100 (purified) 40 min

ANT. RETRIEVAL HIER pH High

DETECTION SYSTEM @rat biot Vector + Novolink Polymer

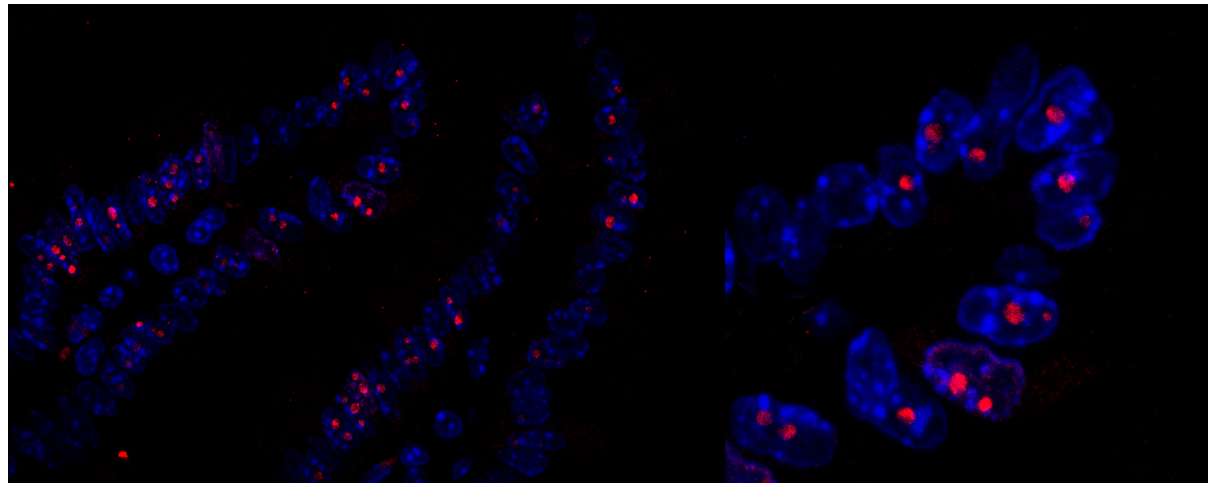
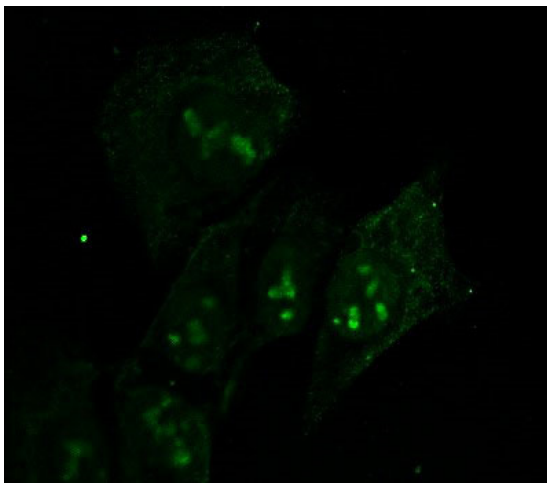


● | IF | **Immunofluorescence (paraffin)**

PERA534G mAb can be used to detect PR polypeptide by immunofluorescence

SAMPLE PFA fixed U2OS cell line treated with PR20 (10 uM HA-PR20 peptide) for 2h and intestine of PR97 + ColA1_tet(PR)97-HA-FLAG (KI/KI)

DILUTION 1:200 and 1:80 purified antibody



● | WB | **Western Blotting** Not working

● | FC | **Flow Cytometry** Not tested

● | IP | **Immunoprecipitation** Not Tested

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