

BPTF | Validation File

TARGET BPTF (Nucleosome-remodeling factor subunit BPTF)

CLONE NAME PAC33A

DESCRIPTION rat monoclonal

ANTIGEN USED GST-hBPTF (fragment 1: 660-981aa; fragment 2: 981-1416aa and fragment 3: 1808-2237aa)

ISOTYPE IgG2a

SPECIES REACTIVITY human

LOCALIZATION nuclear

POSITIVE CONTROL Thymus

STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide

STORAGE Aliquot and store at 4C. Do not freeze

 Recommended

 Inconclusive

 Not Recommended

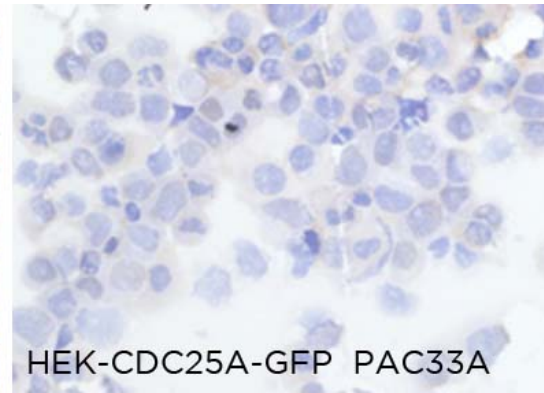
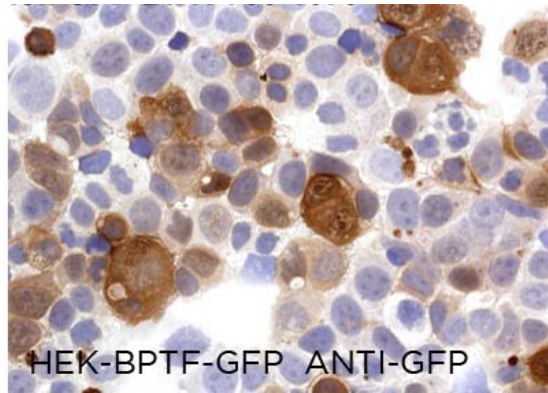
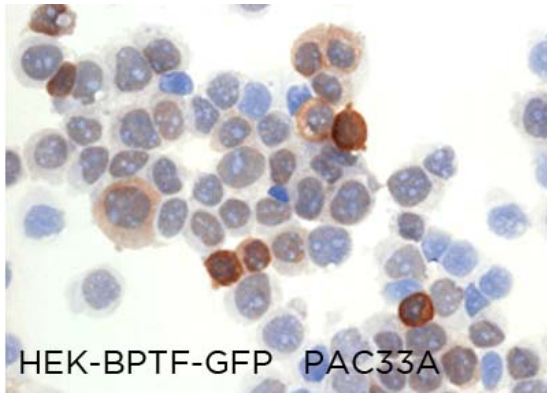
 Not Tested

APPLICATIONS

● | ICC | Immunocytochemistry

PAC33A is able to detect human BPTF protein in immunocytochemistry

To confirm that PAC33A mAb recognizes human BPTF protein, immunocytochemistry on frozen cytospin preparations of GFP-tagged human BPTF expressed in Hek293T was performed. Labeling with the anti-GFP mAb confirmed the efficiency of transfection. Cytospin preparation of V5-tagged human CDC25B protein was used as a negative control.



● | WB | **Western Blotting**

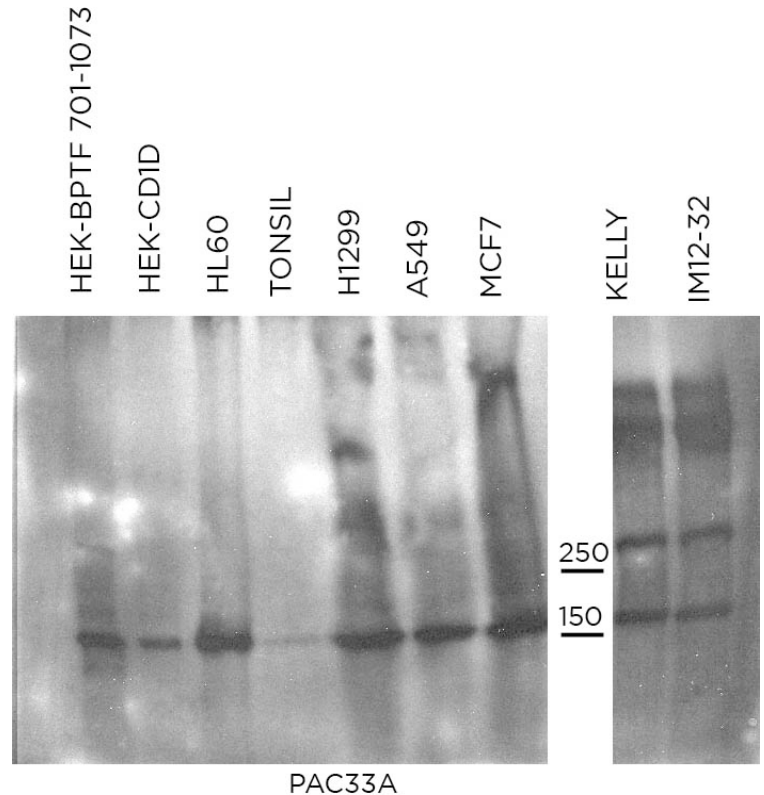
PAC33A mAb is able to detect human BPTF protein by WB.

DILUTION neat supernatant

Predicted molecular weight: 338 kDa
Observed molecular weight: ~338 kDa

Lanes

- Lane 1 Hek-BPTF (701-1073aa) (30ug) (+)
- Lane 2 Hek-CD1D (30ug) (-)
- Lane 3 HL60 (30ug) (-)
- Lane 4 Tonsil (100ug) (-)
- Lane 5 H1299 (100ug) (+)
- Lane 6 A549 (100ug) (-)
- Lane 7 MCF7 (100ug) (+)
- Lane 8 Kelly (100ug) (+)
- Lane 9 IMR-32 (100ug) (+)



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

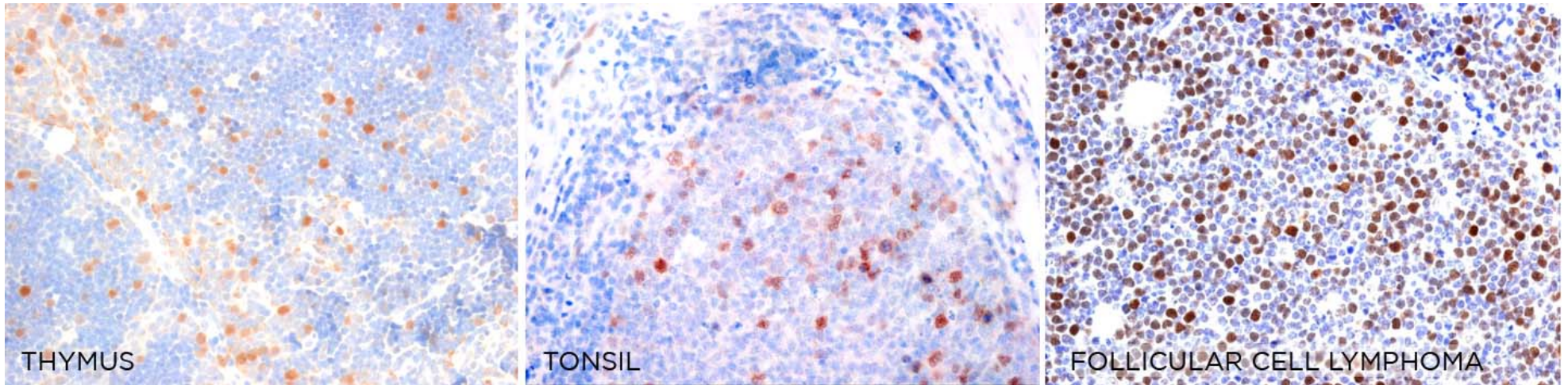
PAC33A mAb can be used to detect BPTF protein in human paraffin tissues

TISSUE SAMPLE Human thymus, tonsil and follicular cell lymphoma

DILUTION 1:20 supernatant

ANT. RETRIEVAL 20 minutes ER2 (Tris-EDTA)

DETECTION SYSTEM Novolink kit (BondMax Leica)



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

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

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

● | IP | **Immunoprecipitation** Not Tested