

XBP1s | Validation File

TARGET XBP1s (X box binding protein 1 spliced transcript)

CLONE NAME 143F

DESCRIPTION mouse monoclonal

ANTIGEN USED GST-XBP1s C-terminus (amino-acids 165-367) recombinant protein

ISOTYPE IgG2a

SPECIES REACTIVITY human

LOCALIZATION nuclear

POSITIVE CONTROL tonsil

STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide

STORAGE Aliquot and store at 4C. Do not freeze

 Recommended

 Inconclusive

 Not Recommended

 Not Tested

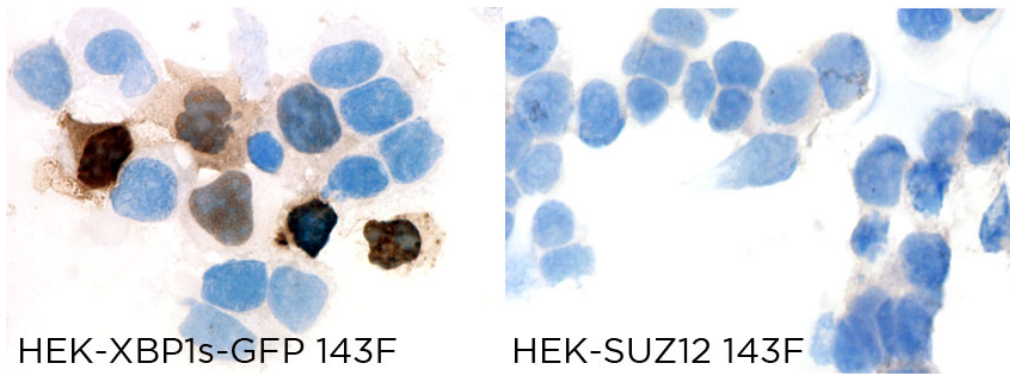
APPLICATIONS

● | ICC | Immunocytochemistry

143F is able to detect human XBP1s protein in immunocytochemistry

DILUTION neat supernatant

To confirm that 143F mAb recognizes human XBP1s protein, immunocytochemistry on frozen cytospin preparations of GFP-tagged XBP1s expressed in HEK293T was performed. Cytospin preparation of SUZ12 transfected cells was used as negative control.



● | WB | **Western Blotting**

143F mAb is able to detect human XBP1s protein by WB.

DILUTION No dilution (neat supernatant)

Predicted molecular weight: **54kDa**

Observed molecular weight: **54kDa**

LANES

Lane 1 Hek-XBP1s

Lane 2 Human testicle

Lane 3 GST-XBP1s C-terminus (amino-acids 165-367protein)

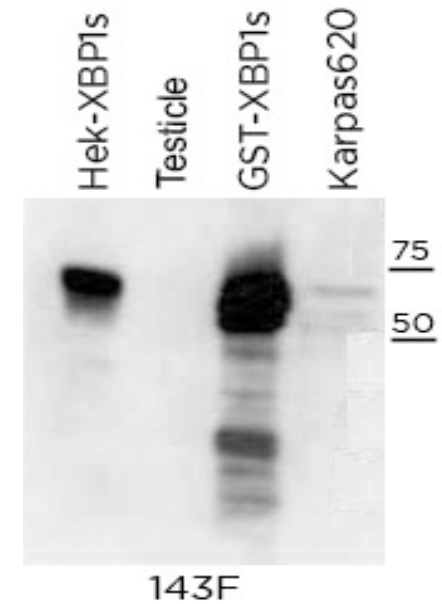
Lane 4 Karpas 620 cell line

(15ug) (+)

(100ug) (-)

(0.1ug) (+)

(100ug) (+)



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

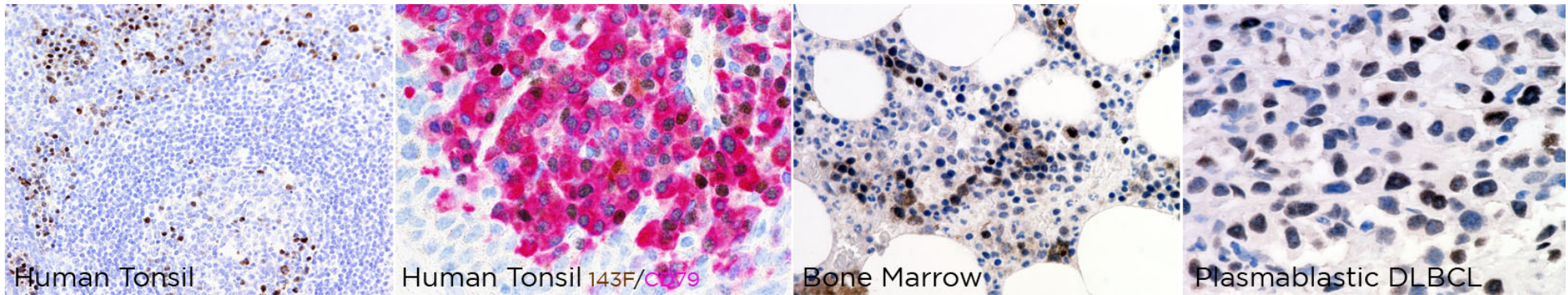
143F mAb can be used to detect XBP1s protein in human paraffin tissues

TISSUE SAMPLE Human tonsil, bone marrow and plasmablastic DLBCL

DILUTION 1:100 (supernatant)

ANT. RETRIEVAL 20 minutes ER2 (Tris-EDTA)

DETECTION SYSTEM Novolink kit (BondMax Leica)

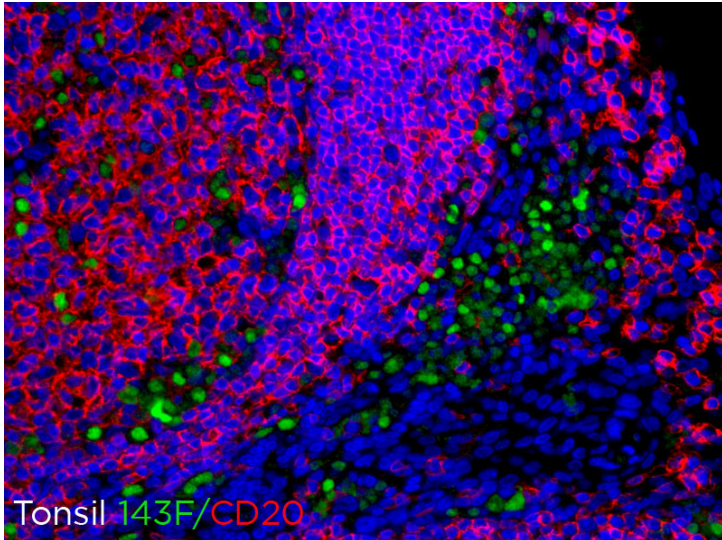


● | IF | **Immunofluorescence (paraffin)**

143F mAb can be used to detect XBP1s protein by immunofluorescence

TISSUE SAMPLE Human tonsil

DILUTION Neat supernatant (green)
CD20 antibody 1:150 (red)



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

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

● | IP | **Immunoprecipitation** Not Tested

SOLD BY: Biolegend and Millipore

REFERENCES

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