

## HJURP | Validation File

**TARGET** HJURP (Holliday junction recognition protein)

**CLONE NAME** HOPE169E

**DESCRIPTION** mouse monoclonal

**ANTIGEN USED** HJURP-GST recombinant full-length protein

**ISOTYPE** IgG1

**SPECIES REACTIVITY** human

**LOCALIZATION** nuclear

**POSITIVE CONTROL** Tonsil

**STORAGE BUFFER** 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



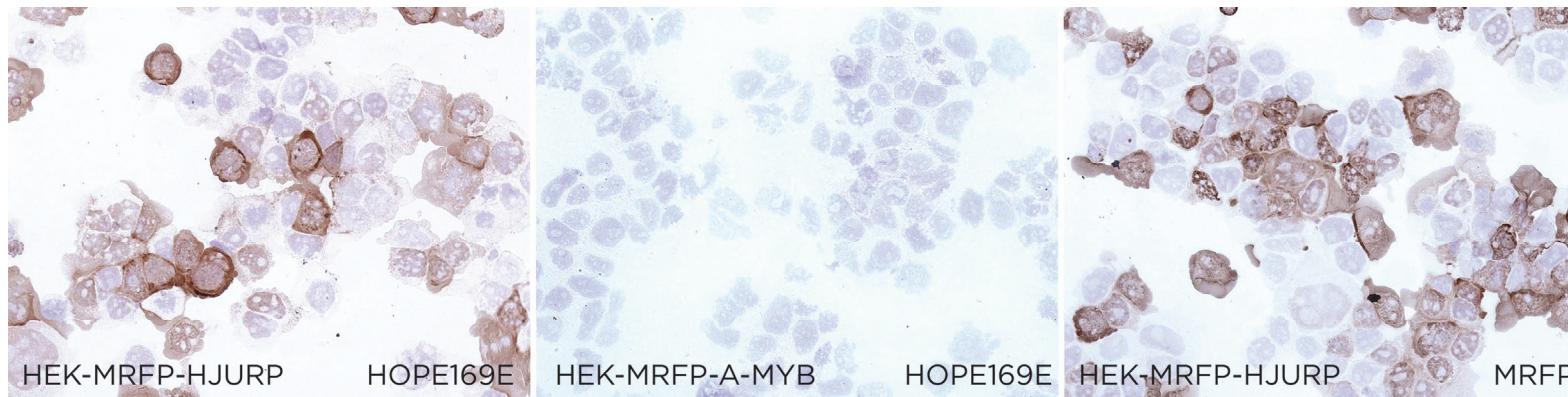
Not Tested

## APPLICATIONS

### ICC | Immunocytochemistry

HOPE169E is able to detect human HJURP protein in immunocytochemistry

To confirm that HOPE169E mAb recognizes HJURP protein, immunocytochemistry on frozen cytocentrifuge preparations of MRFP tagged HJURP expressed in HEK293T was performed. Cytocentrifuge preparation of A-MYB transfected cells was used as negative control. Anti-MRFP antibody was used as positive control.



## | WB | **Western Blotting**

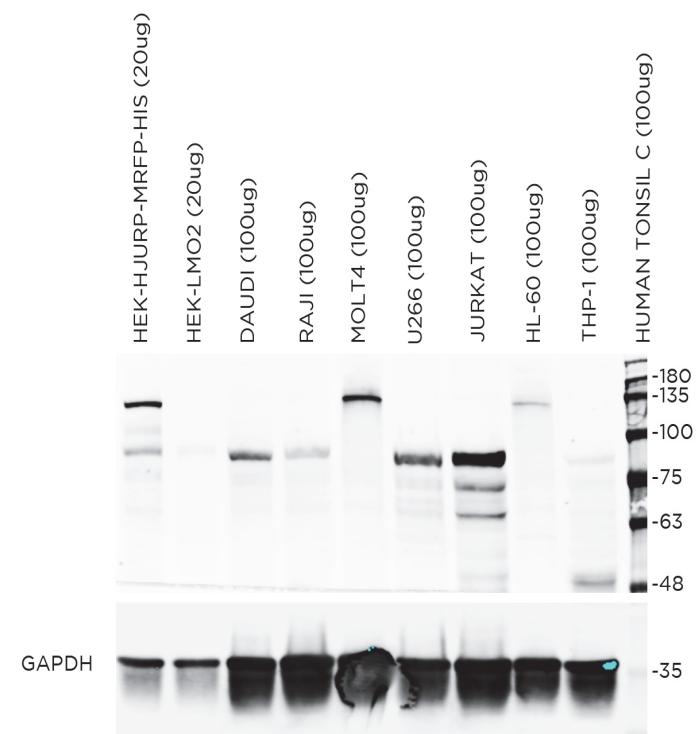
HOPE169E mAb is able to detect human HJURP protein by WB.

**DILUTION** Neat supernatant

Predicted molecular weight: **83kDa (iso1), 78kDA (iso2) and 74kDa (iso3)**  
Observed molecular weight: **83kDa and 166kDa (dimeric form)**

### **LANES**

Lane 1 HJURP transfected HEK	(100Ug) (+)
Lane 2 LMO2 transfected HEK	(100Ug) (-)
Lane 3 DAUDI cell line	(100Ug) (+)
Lane 4 RAJI cell line	(100Ug) (+)
Lane 5 MOLT4 cell line	(100Ug) (+)
Lane 6 U266 cell line	(100Ug) (+)
Lane 7 JURKAT cell line	(100Ug) (+)
Lane 8 HL-60 cell line	(100Ug) (+)
Lane 9 THP-1 cell line	(100Ug) (-/+)



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

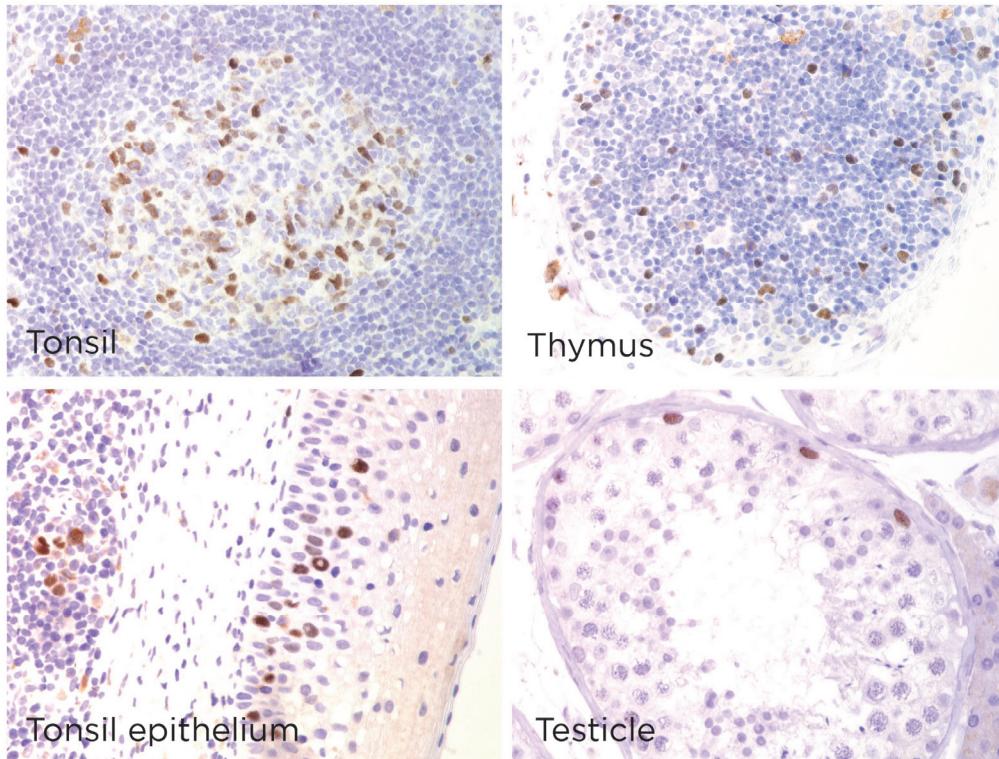
HOPE169E mAb can be used to detect HJURP protein in human paraffin tissues

**TISSUE SAMPLE** Human tonsil, thymus and testicle

**DILUTION** 1:400

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

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



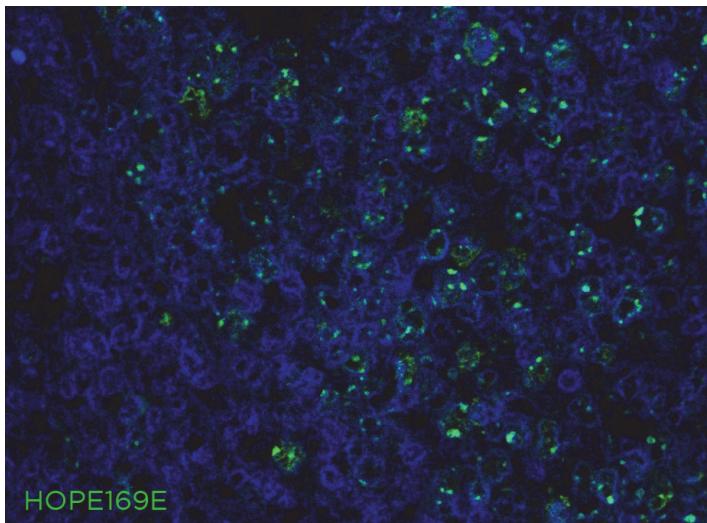
 | IF | **Immunofluorescence (paraffin)**

HOPE169E mAb can be used to detect HJURP protein by immunofluorescence

**TISSUE SAMPLE** Human tonsil

**DILUTION** 1:200 (green)

**ANT. RETRIEVAL** Tris-EDTA buffer



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

 | FC | **Flow Cytometry** Not Tested

 | IP | **Immunoprecipitation** Not Tested

**SOLD BY:** Abcam