

HJURP

CONTACT INFORMATION: Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas
STATUS: Validated
TYPE: mouse anti human
CLONE NAME: HOPE169E
PROTEIN: Holliday junction recognition protein (HJURP)
PROTEIN WEB: <http://www.ncbi.nlm.nih.gov/protein/83816964>
ANTIGEN USED: HJURP-GST recombinant full length protein
FUSION PARTNER: myeloma p3-NS1/Ag4-1 (NS1) cell
ISOTYPE: IgG1
SPECIES REACTIVITY: human
PREPARATION AND STORAGE: Aliquot and store at 4C. Do not freeze

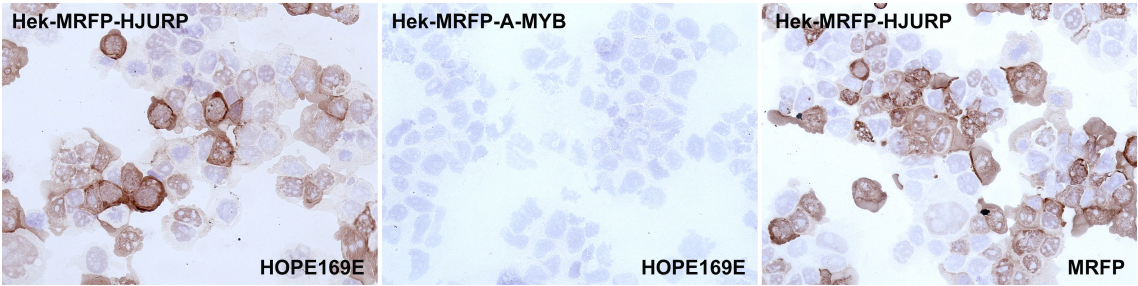
DESCRIPTION

Holliday junction recognition protein (HJURP), a centromere protein-A (CENP-A) histone chaperone, mediates centromere-specific assembly of CENP-A nucleosome, contributing to high-fidelity chromosome segregation during cell division.

APPLICATIONS

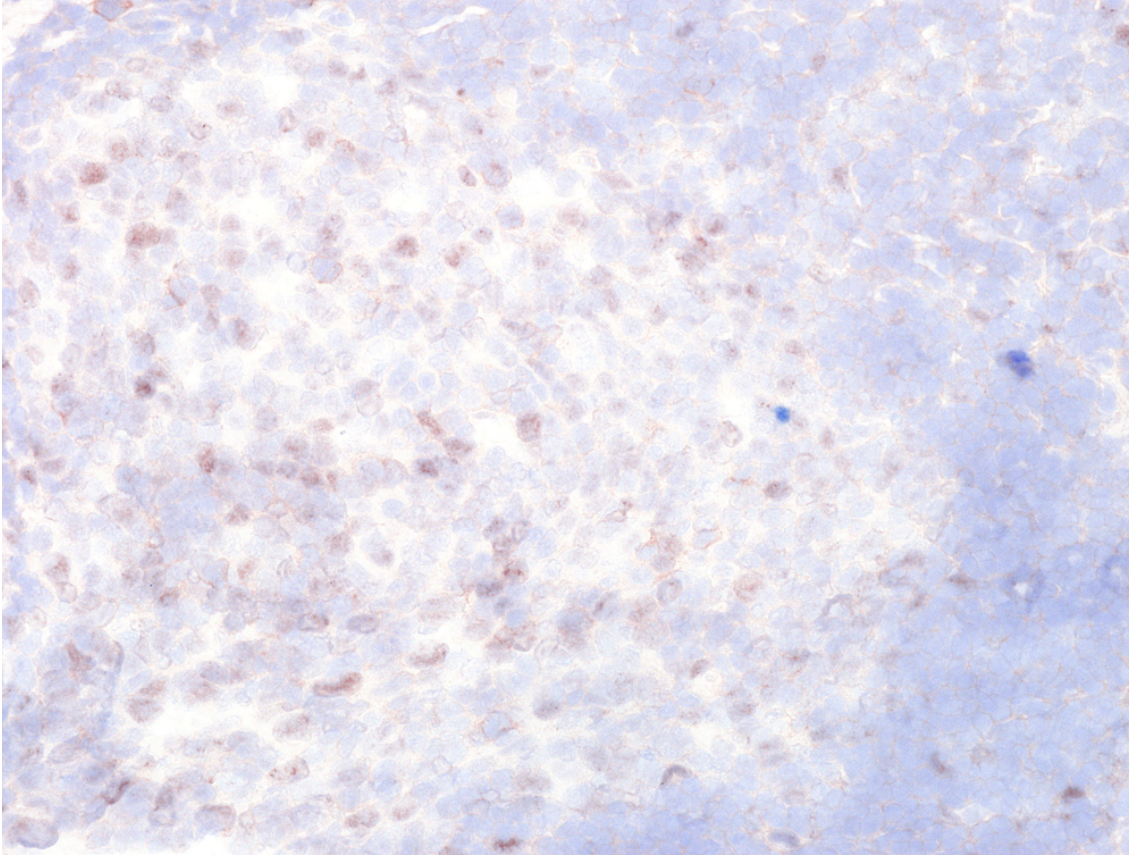
IHC Techniques	Clone	Dilution	Antibody concentration	Antigen retrieval method	Visualization kit	Positive control	Negative control	Protein localization	Positivity in other species
Frozen tissue and cytopins									
Recommended	HOPE 169E	neat	supernatant			Tonsil			
Paraffin tissue									
Recommended	HOPE 169E	1:2	supernatant	Tris-EDTA	Novolink kit	Tonsil			
Immunofluorescence									

Recommended	HOPE 169E					Tonsil		Nuclear	
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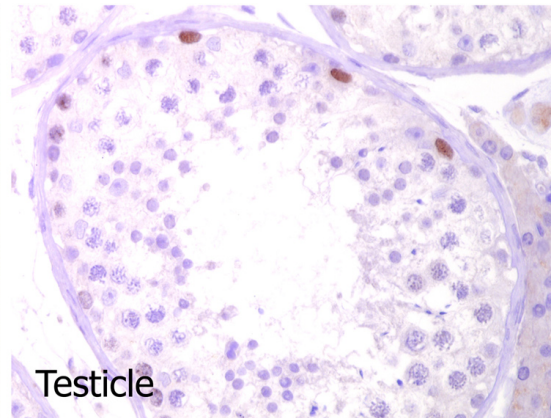
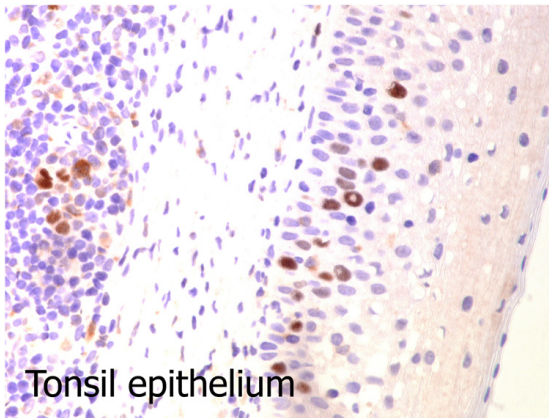
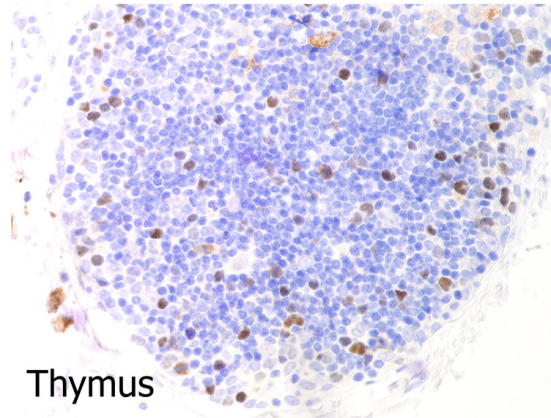
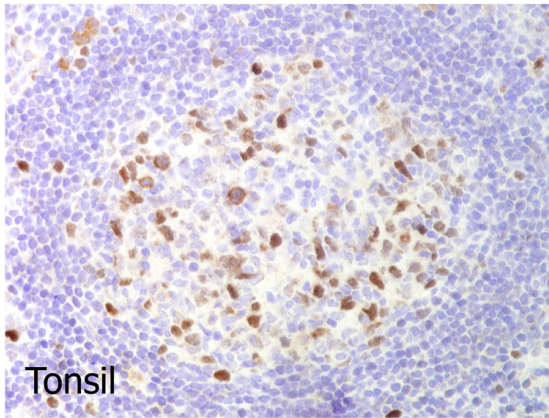


Validation of HOPE169E monoclonal antibody in transfected cells

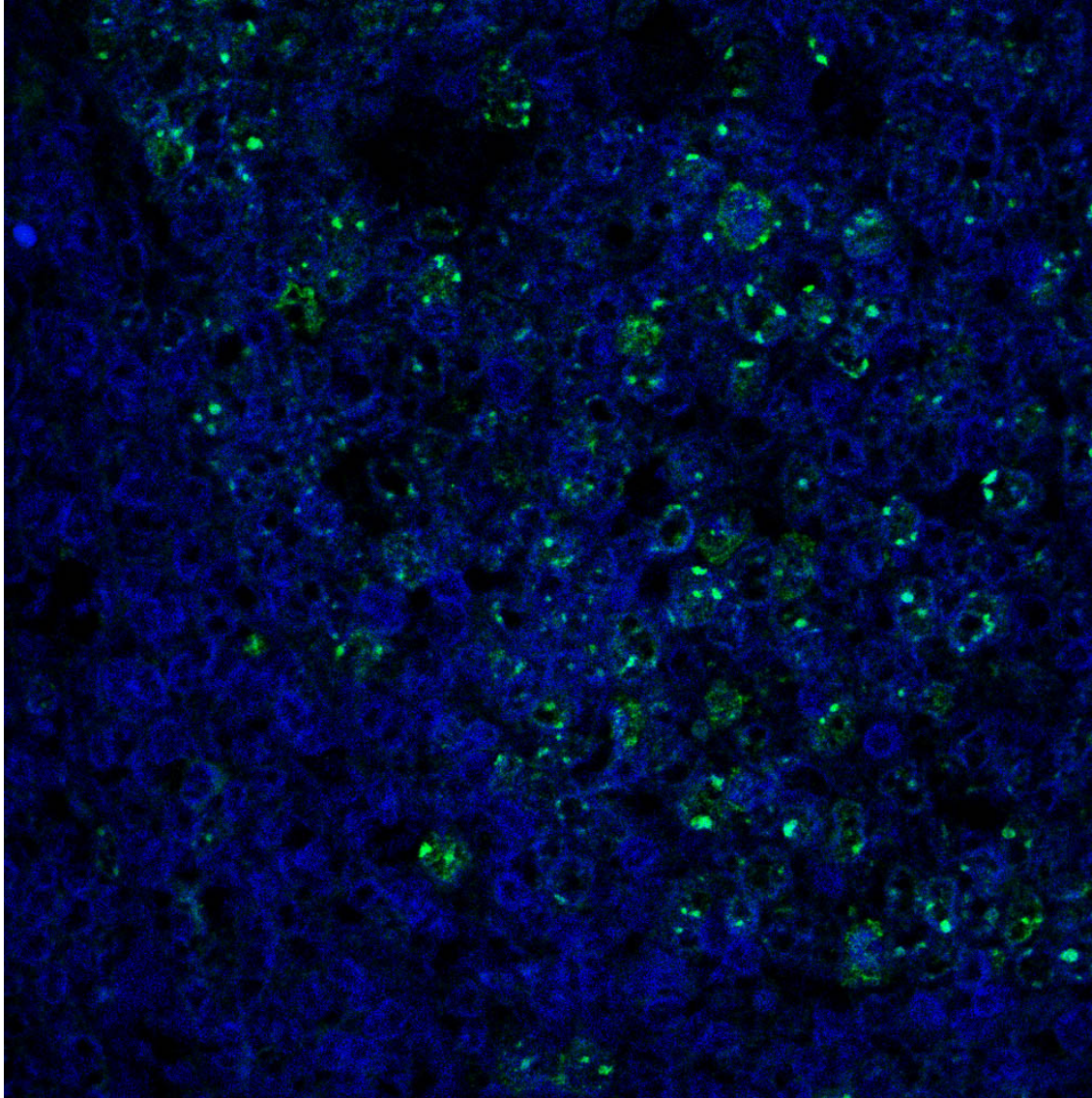
Nuclear and cytoplasmic staining on frozen cytospin preparations of transfected HEK293T-MRFP-HJURP cells using antibody HOPE169E. HEK-MRFP-A-myb were used as negative control. Anti-MRFP was used as positive control.



Anti-HJURP antibody in human frozen tonsil.



Anti-HJURP in paraffin sections.

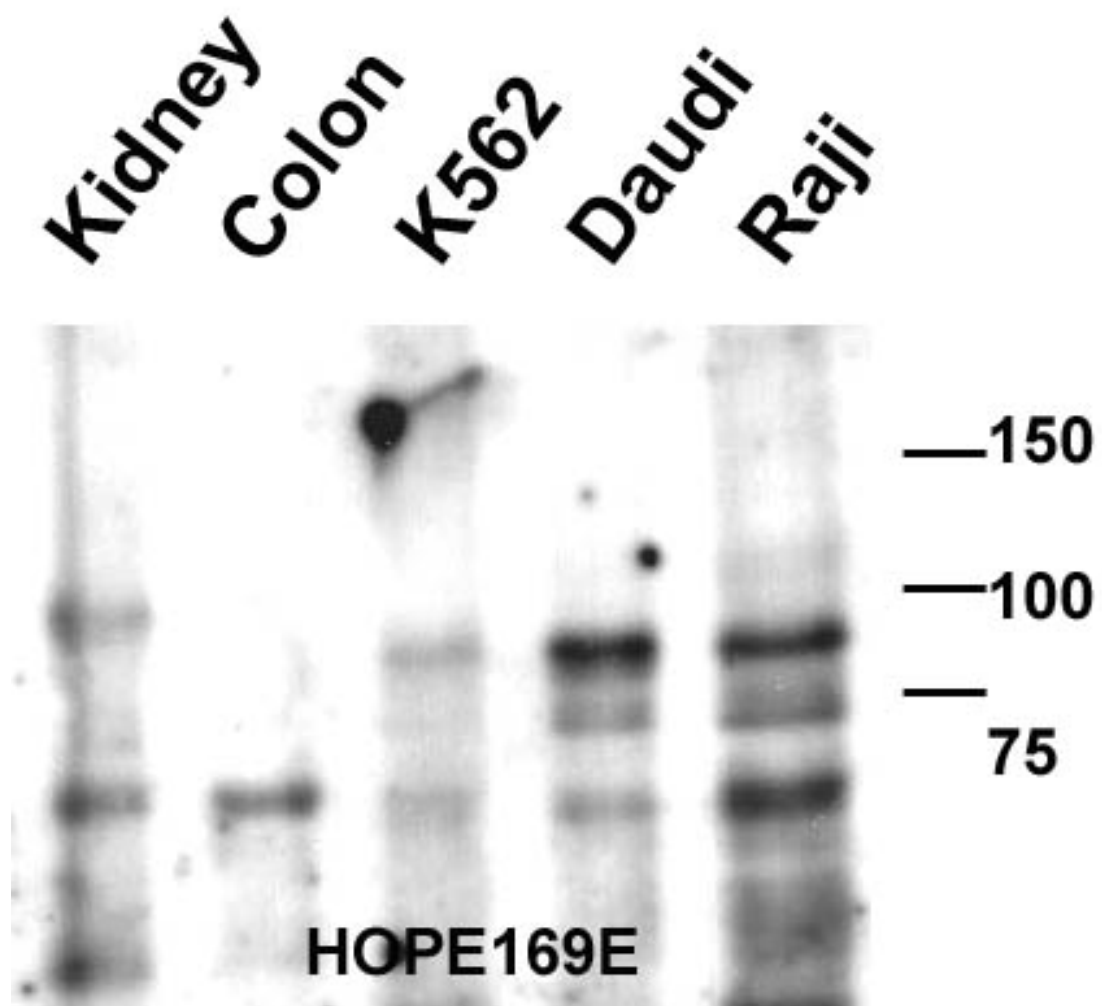


Anti-HJURP in tonsil paraffin section.

HOPE169E is represented in green

Monoclonal Antibodies Catalogue

WB Techniques	Clone	Dilution	Antibody concentration	Positive control	Negative control	Expected MW	Observed Mw	Positivity in other species
Western Blotting								
Recommended	HOPE16 9E	Neat	Supernatant	Daudi		83kDa	83kDa	
Immunoprecipitation								



HOPE169E in western blotting

Lane 1 Human Kidney (100ug) (+)

Lane 2 Human colon (100ug) (-)

Lane 3 K562 cell line (100ug) (+)

Lane 4 Daudi cell line (100ug) (+)

Lane 5 Raji cell line (100ug) (+)