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:	lgG1
SPECIES REACTIVITY:	human
PREPARATION AND STORAGE	Aliquot and store at 4C. Do not freeze

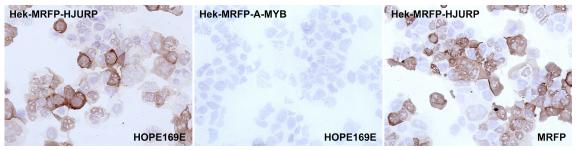
DESCRIPTION

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

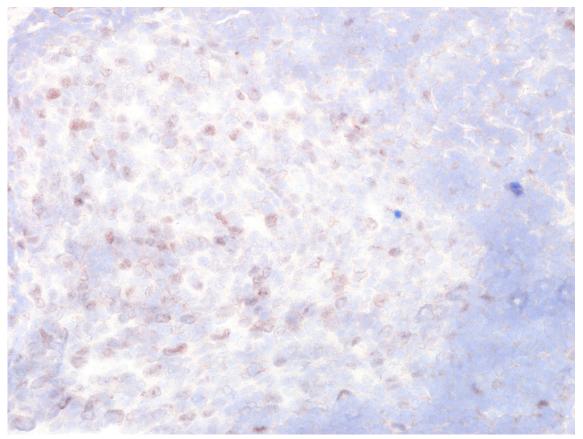
IHC Techniques	Clone	Dilution	Antibody concentration	Antigen retrieval method	Visualization kit	Positive control	Negative control	Protein localization	Positivity in other species	
Frozen tissue and cytospins										
Recommended	HOPE	neat	supernatant			Tonsil				
	169E									
Paraffin tissue					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

Recommended	HOPE			Tonsil	Nuclear	
	169E					

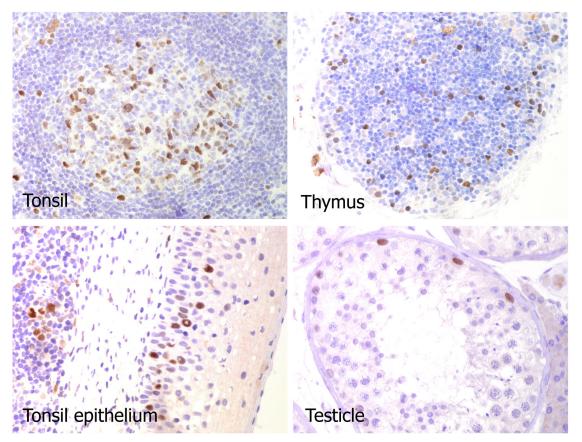


Validation of HOPE169E monoclonal antibody in transfected cells

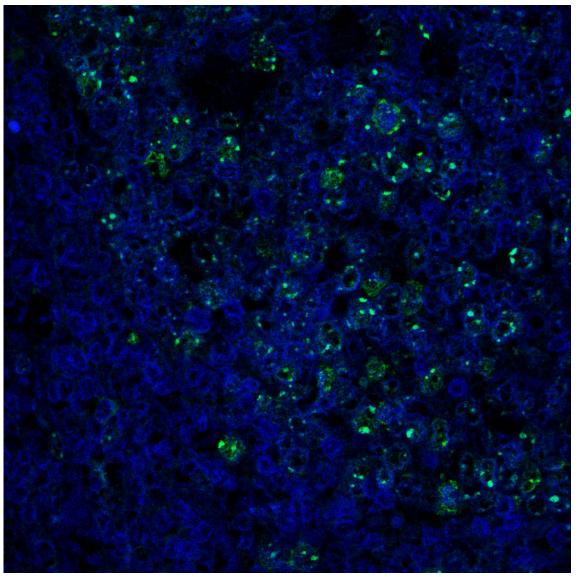
Nuclear and cytoplasmic staining on frozen cytospin preparations of transfected HEK293T-MRFP-HJURP cells using antibody HOPE169E. HEK-MRFP-A-myb were used as negative control. Anti-MRFP was used as positive control.



Anti-HJURP antibody in human frozen tonsil.

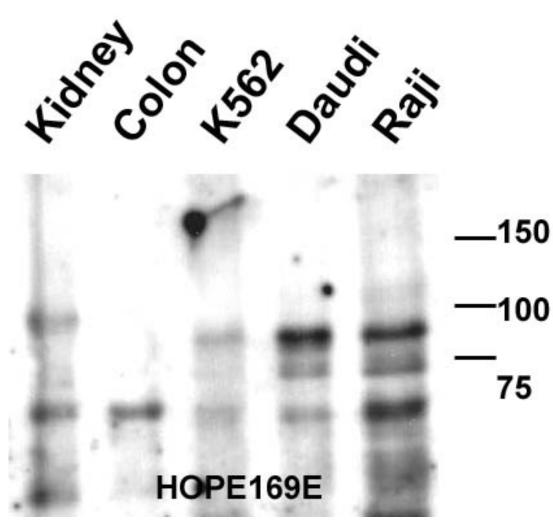


Anti-HJURP in paraffin sections.



Anti-HJURP in tonsil paraffin section. HOPE169E is represented in green

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