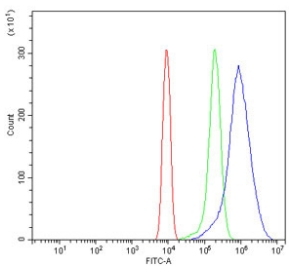
Hjurp Antibody / Fleg1 (RQ6561)

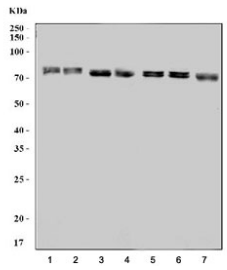
Catalog No.	Formulation	Size
RQ6561	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6PG16
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Hjurp antibody is available for research use only.



Flow cytometry testing of mouse ANA-1 cells with Hjurp antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Hjurp antibody.



Western blot testing of 1) mouse stomach, 2) mouse liver, 3) mouse kidney, 4) mouse RAW264.7, 5) rat stomach, 6) rat liver and 7) rat kidney lysate with Hjurp antibody. Expected molecular weight: 74-90 kDa.

Description

Holliday junction recognition protein is a protein in humans that is encoded by the HJURP gene. HJURP (holliday junction recognition protein) is a protein coding gene. Diseases associated with HJURP include fibrillary astrocytoma. Among its related pathways are DNA damage and chromosome maintenance. Centromeric protein that plays a central role in the incorporation and maintenance of histone H3-like variant CENPA at centromeres. Acts as a specific chaperone for CENPA and is required for the incorporation of newly synthesized CENPA molecules into nucleosomes at replicated centromeres. Prevents CENPA-H4 tetramerization and prevents premature DNA binding by the CENPA-H4 tetramer. Directly binds holliday junctions.

Application Notes

Optimal dilution of the Hjurp antibody should be determined by the researcher.

Immunogen

An E. coli-derived mouse protein (amino acids Q13-T574) was used as the immunogen for the Hjurp antibody.

Storage

After reconstitution, the Hjurp antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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