Anti-RNA polII [CTD 4H8] rAb

Catalogue number: 153268
Sub-type: Primary antibody
Images:

Contributor

Inventor: Jesper Svejstrup
Institute: Absolute Antibody ; Cancer Research UK, London Research Institute: Clare Hall Laboratories
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-RNA polII [CTD 4H8] rAb

Alternate name:

Class: Recombinant
Conjugate: Unconjugated
Description: RNAPII is an essential component of the RNAP II transcription elongation complex. Recruitment of RNA processing factors to the elongation complex is coordinated by the phosphorylation of Serine-2 and Serine-5 residues within the C-terminal repeat (YSPTSPS) domain of the largest subunit of RNAPII. Mutations that directly affect transcription by RNA polymerases rank among the most central mediators of malignant transformation. CTD4H8 can also be used in chromatin immunoprecipitation (ChIP) assays.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human ; Saccharomyces cerevisiae
Selectivity:
Host: Mouse
Immunogen: Peptide: 10 repeats of synthetic peptide YSPTSPS using chemically synthesized phospho-Ser5
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls: HeLa cell line.
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: RNA Polymerase II

Target alternate names:

Target background: RNAPII is an essential component of the RNAP II transcription elongation complex. Recruitment of RNA processing factors to the elongation complex is coordinated by the phosphorylation of Serine-2 and Serine-5 residues within the C-terminal repeat (YSPTSPS) domain of the largest subunit of RNAPII. Mutations that directly affect transcription by RNA polymerases rank among the most central mediators of malignant transformation. CTD4H8 can also be used in chromatin immunoprecipitation (ChIP) assays.

Molecular weight:

Ic50:

Applications

Application: ChIP ; ELISA ; FACS ; IHC ; IF ; IP ; WB ; ChIP-seq
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Original hybridoma first published in: Ito et al. 1999. J Immunol. 163(3):1409-19. PMID: 10415041.