Anti-ATRX [23c]

Catalogue number: 151887
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ATRX [23c]

Alternate name: RAD54, XNP

Class: Monoclonal
Conjugate: Unconjugated
Description: Monoclonal antibody which detects a commonly mutated telomere regulator.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG3 kappa
Reactivity: Human ; Mouse
Selectivity:
Host: Mouse
Immunogen: Recombinant Protein
Immunogen UNIPROT ID: P46100
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls: HeLa and L929 cells
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: ATRX

Target alternate names:

Target background: ATRX is a transcriptional regulator which is required for deposition of the histone variant H3.3 at telomeres and other genomic repeats. This is important to maintain silencing at these sites. ATRX mutations are associated with an X-linked mental retardation (XLMR) syndrome ATRX is commonly mutated in cancers which maintain their telomeres by a telomerase independent pathway. This generates alternative lengthening of telomeres.

Molecular weight:

Ic50:

Applications

Application: IHC ; IF ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles
Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-ATRX [39f]

References

References: Macdonald et al. 1982. Clin Exp Immunol. 49(1):123-8. PMID: 6982128. ; Immunological parameters in the aged and in Alzheimer's disease. ; Beverley et al. 1981. Eur J Immunol. 11(4):329-34. PMID: 6788570. ; Distinctive Fn characteristics of human "T" lymphocytes defined by E rosetting or a monoclonal anti-T cell antibody.