

Anti-RTL1 [13C11]

Catalogue number: 154472

Sub-type: Primary antibody

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-RTL1 [13C11]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: RTL1 is an imprinted gene and is expressed from the paternal chromosome (Hagan et al., 2009; Lin et al., 2003). In human, excessive RTL1 expression and decreased RTL1 expression are relevant to upd(14)pat-like and upd(14)mat-like phenotypes, respectively (Ogata and Kagami, 2016). Upd(14)pat results in a unique phenotype characterized by facial abnormality, a small, bell-shaped thorax and abdominal wall defects, and upd(14)mat leads to pre- and postnatal growth failure and early onset of pube...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a lambda

Reactivity: Human ; Mouse

Selectivity:

Host: Mouse

Immunogen: Human RTL1 C-terminus fragment

Immunogen UNIPROT ID: A6NKG5

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: SH-SY5Y cell

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: RTL1

Target alternate names:

Target background: RTL1 is an imprinted gene and is expressed from the paternal chromosome (Hagan et al., 2009; Lin et al., 2003). In human, excessive RTL1 expression and decreased RTL1 expression are relevant to upd(14)pat-like and upd(14)mat-like phenotypes, respectively (Ogata and Kagami, 2016). Upd(14)pat results in a unique phenotype characterized by facial abnormality, a small, bell-shaped thorax and abdominal wall defects, and upd(14)mat leads to pre- and postnatal growth failure and early onset of pube...

Molecular weight:

Ic50:

Applications

Application: IF ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Nishioka et al. 2016. Nucleus. 7(6):572-584. PMID: 27858498. ; Horn et al. 2014. Curr Top Dev Biol. 109:287-321. PMID: 24947240. ; Rothballer et al. 2013. Nucleus. 4(1):29-36. PMID: 23324460. ; Gb et al. 2011. Commun Integr Biol. 4(4):440-2. PMID: 21966565. ; Crisp et al. 2006. J Cell Biol. 172(1):41-53. PMID: 16380439.

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