Family 2 subject – LAD-III EBV Lymphoblastoid Cell Line

Catalogue number: 153767
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Family 2 subject – LAD-III EBV Lymphoblastoid Cell Line

Alternate name: Fermitin family homolog 3, MIG2-like protein, Unc-112-related protein 2

Class:
Conjugate:
Description: An EBV-transformed B lymphoblastoid cell line (LCL) derived from a Turkish subject that has Leukocyte Adhesion Deficiency-III (LAD-III) with a mutation in the kindlin-3 gene. LCLs are also available from the father. This cell line was derived from 'Family 2 subject' as described in Svensson et al. 2009. N.Nat Med. 2009 Mar;15(3):306-12. PMID: 19234463. The Family 2 subject has an inactivating mutation in exon 12 of the KINDLIN3 gene resulting in a translational stop codon. This mutation leads to an overall decrease in KINDLIN3 mRNA levels and loss of protein expression.
Purpose:
Parental cell:
Organism: Human
Tissue: Blood
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Suspension, lymphoblastoid cell line
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Kindlin-3, UniProt ID:Q86UX7

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium: RPMI-1640 + 10% FCS
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions: Liquid Nitrogen
Shipping conditions: Dry ice

Related tools

Related tools: Family 2 father - LAD-III EBV Lymphoblastoid Cell Line

References

References: Svensson et al. 2009. Nat Med. 15(3):306-12. PMID: 19234463. ; Leukocyte adhesion deficiency-III is caused by mutations in KINDLIN3 affecting integrin activation.