

Anti-Transmembrane protein [3B5/D7]

Catalogue number: 151610

Sub-type: Primary antibody

Images:

Contributor

Inventor: Tyson Sharp

Institute: University College London (UCL)

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Transmembrane protein [3B5/D7]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Kaposi's sarcoma-associated herpesvirus (KSHV) is a member of the human herpesviruses and has been closely linked to the Kaposi's sarcoma, primary effusion lymphoma (PEL) and multicentric Castleman's disease (MCD). KSHV encodes a distinct open reading frame called K15 at a position equivalent to the gene encoding LMP2A of Epstein-Barr virus (EBV). Although K15 does not exhibit homology to LMP2A, both proteins contain a similar structural organisation, and modulate lymphocyte signalling. K15 targets the major B cell Src kinase-Lyn and this interaction appears to be important in transcriptional modulation of NFAT/AP1 activities.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human ; Virus

Selectivity:

Host: Mouse

Immunogen: Recombinant protein

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: K15 (putative integral transmembrane protein similar to LMP2A)

Target alternate names:

Target background: Kaposi's sarcoma-associated herpesvirus (KSHV) is a member of the human herpesviruses and has been closely linked to the Kaposi's sarcoma, primary effusion lymphoma (PEL) and multicentric Castleman's disease (MCD). KSHV encodes a distinct open reading frame called K15 at a position equivalent to the gene encoding LMP2A of Epstein-Barr virus (EBV). Although K15 does not exhibit homology to LMP2A, both proteins contain a similar structural organisation, and modulate lymphocyte signalling. K15 targets the major B cell Src kinase-Lyn and this interaction appears to be important in transcriptional modulation of NFAT/AP1 activities.

Molecular weight: 50 kDa (full) to 17 kDa

Ic50:

Applications

Application: ELISA ; IF ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: -80° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Sharp et al. 2002. J Virol. 76(2):802-16. PMID: 11752170. ; K15 protein of Kaposi's sarcoma-associated herpesvirus is latently expressed and binds to HAX-1, a protein with antiapoptotic function.

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