

pFLAG-HBx vector

Catalogue number: 156514

Sub-type: pcDNA3.1

Images:

Contributor

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Institute: Drexel University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: pFLAG-HBx vector

Alternate name: nonstructural protein X, protein X, peptide X, pX

Class:

Conjugate:

Description: This vector can be used to express hepatitis B virus HBx protein in a variety of primary and cancer cells. The addition of the FLAG-epitope tag allows for detection in western and immunofluorescent cell-based studies and provides better detection ability than can currently be achieved with commercially available anti-HBx antibodies.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers: Neomycin

Additional notes:

Target details

Target: HBx with FLAG tag at N-terminus

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application: p

Application notes: Multi-functional hepatitis B viral protein, non-structural protein X, that modulates mitochondrial function in host hepatocytes interfering with host anti-viral defenses, promoting viral transcription, and contributing to hepatocellular carcinoma development.

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry Ice

Related tools

Related tools:

References

References: Clippinger et al. 2008. J Virol. 82(14):6798-811. PMID: 18448529. ; McClain et al. 2007. J Virol. 81(21):12061-5. PMID: 17699583.

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