

NBP2-26287**Mouse TLR12 Stable Cell Line****Unit Size**

1 Vial

Storage

Store in gas phase of liquid nitrogen.

Target Species

Mouse

Growth Properties

Adherent Morphology: Epithelial

Applications

WB, FLOW

Host

HEK293

Reconstitution Instructions

Complete Growth Medium: DMEM with 4.5 g/L glucose + 10% FBS + 4 mM L-glutamine + 1 mM sodium pyruvate + 100 units/ml penicillin + 100 ug/ml streptomycin + 10 ug/ml blasticidin.

Selection Agent

Blasticidin

Specificity/Sensitivity

TLR12

Immunogen

The TLR12 stable cell line is a stably transfected cell line which expresses full-length mouse Toll-like receptor 12 (TLR12) with an N-terminal HA tag.

Recommended Dilutions

Flow Cytometry, Western Blot

Buffer

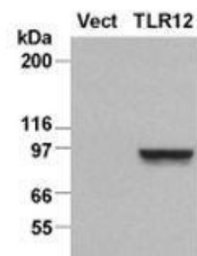
Contents: 3-4 x 10⁶ cells
 Biosafety Level: 2

Application Notes

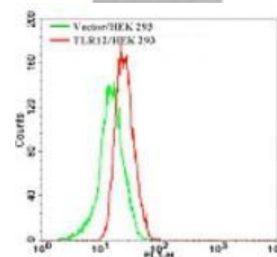
The TLR12 stable cell line can be used for TLR12 flow cytometric calibration, detection control and TLR12-based functional studies. TLR12 expression in this cell line has been validated by Western blotting (Fig. 1) and flow cytometry (Fig. 2).

Images

Western Blot: Mouse TLR12 Stable Cell Line [NBP2-26287] - Analysis of TLR12 expression in the TLR12 stable cell line using an HA antibody (20 ug total protein/lane). Legend. Vect: Vector control stable cell line; TLR12: TLR12 stable cell line.



Flow Cytometry: Mouse TLR12 Stable Cell Line [NBP2-26287] - Expression of TLR12 in the TLR12 stable cell line was analyzed by flow cytometry using a FITC-conjugated TLR12 antibody and compared with the Vector control stable cell line. Flow samples were prepared using Intracellular TLR Staining Flow Kit.

**Notes**

Assume all cultures are hazardous since they may harbor latent viruses or other organisms that are uncharacterized. The following safety precautions should be observed.

- Use pipette aids to prevent ingestion and keep aerosols down to a minimum.
- No eating, drinking or smoking while handling the stable cell line.
- Wash hands after handling the stable cell line and before leaving t... See more at www.novusbio.com/NBP2-26287

Updated 12/27/2013 3.0

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Reporter Cell Lines are guaranteed for 1 year from date of receipt.

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