

Human LAG3 protein, human IgG1 Fc tag (active)

Cat. No. GTX65640-pro**Applications** Functional Assay**Species** Human**Package**

50 µg

Applications

Application Note

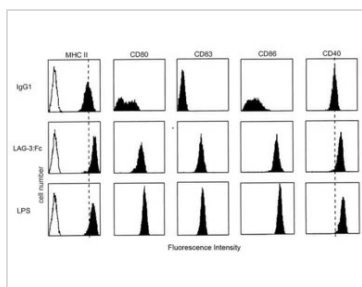
Inhibits binding of MAb to LAG-3 (human) to LAG-3. Induces maturation of human dendritic cells.

Product Note Binds to human, mouse and monkey MHC class II.

Properties

Form Liquid**Buffer** PBS**Preservative** No preservatives**Storage** Store as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence** The coding for the 4 extracellular Ig-like domains of human LAG-3 (D1-D4) is fused to the Fc portion of human IgG1.**Expression System** CHO cells**Purity** >99% by SDS-PAGE.**Endotoxin** < 0.001 EU/µg**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

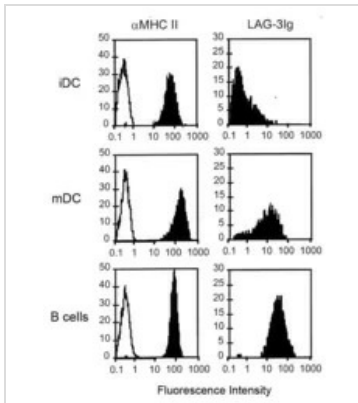
DATA IMAGES

**GTX65640-pro Image**

LAG3 human Fc fusion protein (GTX65640-pro) induced dendritic cells (DC) maturation. Method: Immature DCs derived from human monocytes, resuspended at 1×10^6 cells/ml in complete culture medium, are incubated with LAG3 human Fc fusion protein (GTX65640) (10 µg/ml), LPS (positive control, 5 µg/ml) or human IgG1 (isotype-matched negative control, 10 µg/ml) for 48 hours. DC maturation induced by LAG3 human Fc fusion protein or LPS is assessed by the increased expression of MHC Class II, CD80, CD83, CD86 and CD40.



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GTX65640-pro Image

Binding of LAG3 human Fc fusion protein (GTX65640-pro) on dendritic and B cells. Method: Monocyte-derived immature DC (iDC), DC matured for 48h with LPS (mDC) and EBV-transformed B-cells are incubated with either an anti-MHC class II MAb (10μg/ml) or GTX65640 LAG3 human Fc fusion protein (10μg/ml) for 30 min. at 4°C in PBS/1% BSA. The cells are then stained for 30 min. at 4°C with anti-human Fc antibody.



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