

## Human LAG3 protein, human IgG1 Fc tag (active)

## Cat. No. GTX65640-pro

Applications	Functional Assay	Package
Species	Human	50 µg

## Applications

## Application Note

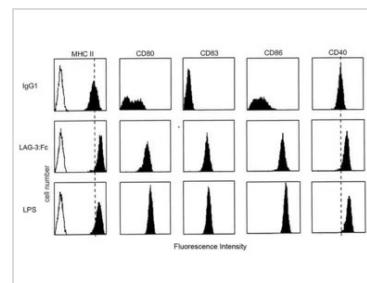
Inhibits binding of MAb to LAG-3 (human) to LAG-3. Induces maturation of human dendritic cells.

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



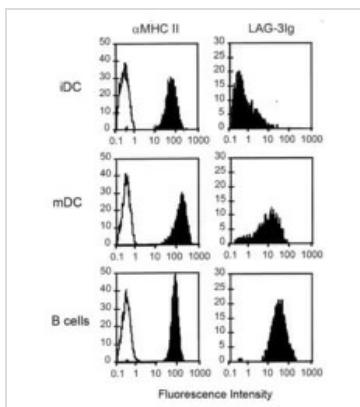
## GTX65640-pro Image

LAG3 human Fc fusion protein (GTX65640-pro) induced dendritic cells (DC) maturation. Method: Immature DCs derived from human monocytes, resuspended at  $1 \times 10^6$  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.



For full product information, images and publications, please visit our [website](#).

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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 (10 $\mu$ g/ml) or GTx65640 LAG3 human Fc fusion protein (10 $\mu$ g/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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