

# Product Datasheet

## LAG-3 Antibody (11E3) - BSA Free NBP1-97662

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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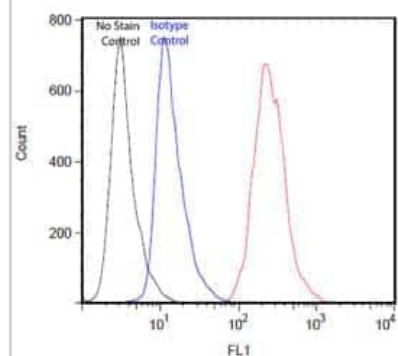
**NBP1-97662**

LAG-3 Antibody (11E3) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11E3
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	Liquid. In PBS containing 10% glycerol
Target Molecular Weight	57.5 kDa
Product Description	
Host	Mouse
Gene ID	3902
Gene Symbol	LAG3
Species	Human, Monkey
Specificity/Sensitivity	LAG-3 Antibody (11E3) recognizes the first N-terminal D1 domain of human and monkey LAG-3.
Immunogen	This LAG-3 Antibody (11E3) was prepared from recombinant human LAG-3 (lymphocyte activation gene-3).
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 5 ug/ml, Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 10 ug/ml, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	NBP1-97662 has a purity >95% by SDS-PAGE.

**Images**

Flow Cytometry: LAG-3 Antibody (11E3) [NBP1-97662] - Analysis of  $10^6$  MCF-7 cells stained using LAG-3 (human) monoclonal antibody (11E3) at a concentration of 50ug/mL.



## Publications

Nakata K, Oyama K, Tsutsumi C et al. Autophagy inhibition in pancreatic cancer cells synergizes with immunotherapy via DC activation due to increased antigenicity and adjuvanticity Research Square 2023-10-18 (IF/ICC, Mouse)

Fadriquela A, Kim CS, Lee JH Roles and correlations of TIM-3 and LAG-3 with cytokines and chemokines in alcoholic liver disease Clinica chimica acta; international journal of clinical chemistry 2023-02-09 [PMID: 36764507] (ELISA, Human)

Triebel F, Hacene K, Pichon MF et al. A soluble lymphocyte activation gene-3 (sLAG-3) protein as a prognostic factor in human breast cancer expressing estrogen or progesterone receptors. Cancer Lett. 2006 Apr. [PMID: 15946792]

Huard B, Mastrangeli R, Prigent P et al. Characterization of the major histocompatibility complex class II binding site on LAG-3 protein. Proc Natl Acad Sci U S A. 1997 May [PMID: 9159144]

Huard B, Gaulard P, Faure F et al. Cellular expression and tissue distribution of the human LAG-3-encoded protein, an MHC class II ligand. Immunogenetics. 1994-01-01 [PMID: 7506235]





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### Products Related to NBP1-97662

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-97662AF405	LAG-3 Antibody (11E3) [Alexa Fluor® 405]

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### Limitations

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

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