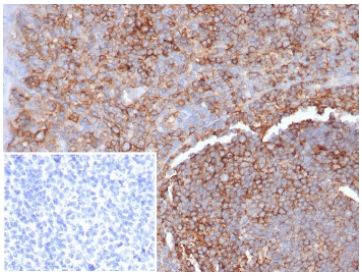
HLA-G Antibody [clone HLAG/7094] (V5155)

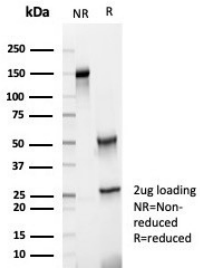
Catalog No.	Formulation	Size
V5155-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5155-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5155SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

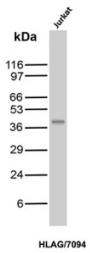
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG
Clone Name	HLAG/7094
Purity	Protein A/G affinity
UniProt	P17693
Localization	Cell surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Western blot: 2-4ug/ml
Limitations	This HLA-G antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with HLA-G antibody (clone HLAG/7094). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free HLA-G antibody (clone HLAG/7094) as confirmation of integrity and purity.



HLA-G Antibody HLAG/7094 Detection in Jurkat T Lymphocyte Cells WB. Western blot analysis of human Jurkat T lymphocyte cell lysate using HLA-G Antibody clone HLAG/7094. A discrete immunoreactive band is detected at approximately 40 kDa, consistent with the expected molecular weight of HLA-G. The result demonstrates recognition of endogenous HLA-G in human Jurkat cells.

Description

HLA-G is a non-classical major histocompatibility class Ib molecule involved in immune regulatory processes at the maternal-fetal interface. [UniProt]

For a monoclonal reagent targeting this non-classical MHC class I molecule, see our HLA-G Antibody HLAG/6686 / MHC Class I Antigen G page.

Application Notes

Optimal dilution of the HLA-G antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 1-200) from the human protein was used as the immunogen for the HLA-G antibody.

Storage

Aliquot the HLA-G antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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