

Datasheet for ABIN7155551  
**anti-HLAG antibody (AA 25-337)**



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**3** Images

## Overview

Quantity:	100 µg
Target:	HLAG
Binding Specificity:	AA 25-337
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLAG antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Purpose:	HLA-G Antibody
Immunogen:	Recombinant Human HLA class I histocompatibility antigen, alpha chain G protein (25-337AA)
Isotype:	IgG
Purification:	Protein G purified
Purity:	>95 %

## Target Details

Target:	HLAG
Alternative Name:	HLA-G
Background:	Background: Involved in the presentation of foreign antigens to the immune system. Plays a

## Target Details

role in maternal tolerance of the fetus by mediating protection from the deleterious effects of natural killer cells, cytotoxic T-lymphocytes, macrophages and mononuclear cells.

Aliases: B2 microglobulin antibody, DADB-15K14.8 antibody, HLA 6.0 antibody, HLA class I histocompatibility antigen alpha chain G antibody, HLA class I histocompatibility antigen, alpha chain G antibody, HLA class I molecule antibody, HLA G antibody, HLA G antigen antibody, HLA G histocompatibility antigen class I G antibody, HLA G3 antibody, HLA-G antibody, HLA-G histocompatibility antigen, class I antibody, HLA60 antibody, HLAG antibody, HLAG\_HUMAN antibody, Major histocompatibility complex class I G antibody, MHC class I antigen antibody, MHC class I antigen G antibody, MHC G antibody, T-cell A locus antibody, TCA antibody

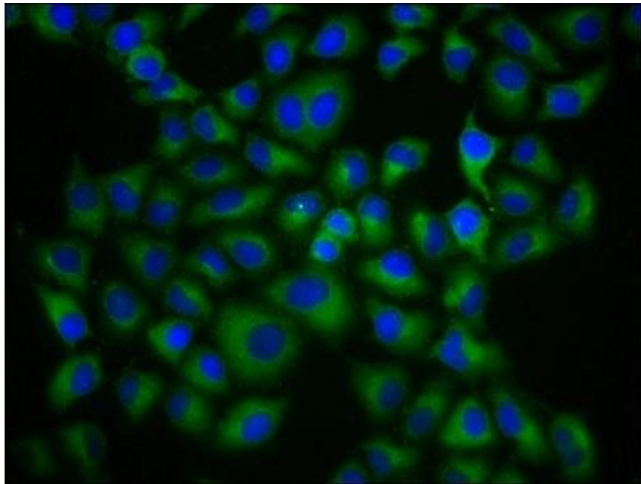
UniProt:	<a href="#">P17693</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cancer Immune Checkpoints</a> , <a href="#">Human Leukocyte Antigen (HLA) in Adaptive Immune Response</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

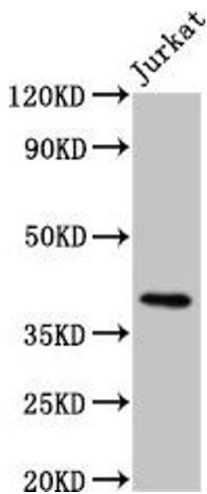
## Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



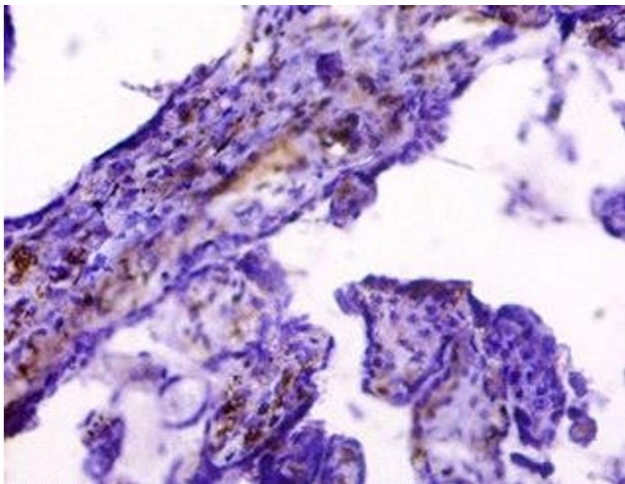
### Immunofluorescence

**Image 1.** Immunofluorescence staining of HeLa cells with ABIN7155551 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Jurkat whole cell lysate. All lanes: HLA-G antibody at 8 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 39 kDa. Observed band size: 39 kDa.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7155551 at dilution of 1:50.