

Datasheet for ABIN7434206  
**anti-HLAG antibody (AA 29-117)**



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1 Image

## Overview

Quantity:	100 µL
Target:	HLAG
Binding Specificity:	AA 29-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLAG antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Polyclonal Antibody to Major Histocompatibility Complex Class I G (MHCG)
Immunogen:	Recombinant Major Histocompatibility Complex Class I G (MHCG) corresponding to Met29~His117
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MHCG. It has been selected for its ability to recognize MHCG in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	HLAG
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## Target Details

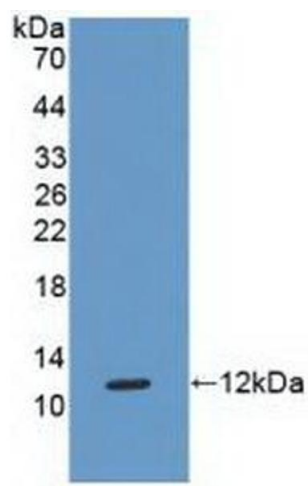
Alternative Name:	MHCG ( <a href="#">HLAG Products</a> )
Background:	HLA-G, MHC-G, HLAG, Leukocyte Antigen G, b2 microglobulin, HLA class I histocompatibility antigen, alpha chain G
UniProt:	<a href="#">P17693</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive 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:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

**Image 1.** Detection of Recombinant MHCG, Human using Polyclonal Antibody to Major Histocompatibility Complex Class I G (MHCG)