

Datasheet for ABIN7193964
anti-HLA-F antibody (AA 22-305)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	HLA-F (HLAF)
Binding Specificity:	AA 22-305
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human HLA-F (AA: 22-305) expressed in E. coli.
Clone:	3F11F4
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	HLA-F (HLAF)
Alternative Name:	HLA-F (HLAF Products)
Background:	Description: This gene belongs to the HLA class I heavy chain paralogues. It encodes a non-classical heavy chain that forms a heterodimer with a beta-2 microglobulin light chain, with the heavy chain anchored in the membrane. Unlike most other HLA heavy chains, this molecule is localized in the endoplasmic reticulum and Golgi apparatus, with a small amount present at the

Target Details

cell surface in some cell types. It contains a divergent peptide-binding groove, and is thought to bind a restricted subset of peptides for immune presentation. This gene exhibits few polymorphisms. Multiple transcript variants encoding different isoforms have been found for this gene. These variants lack a coding exon found in transcripts from other HLA paralogues due to an altered splice acceptor site, resulting in a shorter cytoplasmic domain.

Aliases: HLAF, CDA12, HLA-5.4, HLA-CDA12

Molecular Weight:	39 kDa
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Gene ID:	3134
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Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Human Leukocyte Antigen (HLA) in Adaptive Immune Response
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Application Details

Application Notes:	WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,
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Restrictions:	For Research Use only
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Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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