

**DATASHEET**

**HLA-A/B/C Mouse Monoclonal Antibody(W6132)**

CAT. NO. AMA03874

**KEY FEATURES**

Target	HLA-A/B/C	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

**BACKGROUND**

Antigen-presenting major histocompatibility complex class I (MHCI) molecule. In complex with B2M/beta 2 microglobulin displays primarily viral and tumor-derived peptides on antigen-presenting cells for recognition by alpha-beta T cell receptor (TCR) on HLA-A-restricted CD8-positive T cells, guiding antigen-specific T cell immune response to eliminate infected or transformed cells molecule. In complex with B2M/beta 2 microglobulin displays primarily viral and tumor-derived peptides on antigen-presenting cells for recognition by alpha-beta T cell receptor (TCR) on HLA-A-restricted CD8-positive T cells, guiding antigen-specific T cell immune response to eliminate infected or transformed cells .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

Description	Mouse monoclonal antibody to HLA-A/B/C
Specificity	Recognizes human HLA-A/B/C
Antibody Type	Primary antibody
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	HLA-A; HLAA; HLA class I histocompatibility antigen, A-68 alpha chain; Aw-68; HLA class I histocompatibility antigen, A-28 alpha chain; MHC class I antigen A*68; HLA-A; HLAA; HLA class I histocompatibility antigen, A-2 alpha chain; MHC class I antigen A*2; HLA-A; HLAA; HLA class I histocompatibility antigen, A-3 alpha chain; MHC class I antigen A*3; HLA-A; HLAA; HLA class I histocompatibility antigen, A-24 alpha chain; Aw-24; HLA class I histocompatibility antigen, A-9 alpha chain; MHC class I antigen A*24; HLA-A; HLAA; HLA class I histocompatibility antigen, A-32 alpha chain; MHC class I antigen A*32; HLA-A; HLAA; HLA class I histocompatibility antigen, A-69 alpha chain; Aw-69; HLA class I histocompatibility antigen, A-28 alpha chain; MHC class I antigen A*69; HLA-A; HLAA; HLA class I histocompatibility antigen, A-11 alpha chain; MHC class I antigen A*11; HLA-A; HLAA; HLA class I histocompatibility antigen, A-31 alpha chain; MHC class I antigen A*31; HLA-A; HLAA; HLA class I histocompatibility antigen, A-25 alpha chain; HLA class I histocompatibility antigen, A-10 alpha chain; MHC class I antigen A*25; HLA-A; HLAA; HLA class I histocompatibility antigen, A-1 alpha chain; MHC class I antigen A*1; HLA-A; HLAA; HLA class I histocompatibility antigen, A-26 alpha chain; MHC class I antigen A*26; HLA-A; HLAA; HLA class I histocompatibility antigen, A-34 alpha chain; Aw-34; HLA class I histocompatibility antigen, A-10 alpha chain; MHC class I antigen A*34; HLA-A; HLAA; HLA class I histocompatibility antigen, A-36 alpha chain; Aw-36; MHC class I antigen A*36
Gene Symbol	HLA-A; HLA-B; HLA-C
Entrez Gene	3105(Human)

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**| DATA**

**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**| NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.