

Anti Human HLA ABC Antibody, clone W6/32 | PA007461

Catalog No.: PA007461 | Isotype: Mouse IgG2a Kappa | In Vivo Grade

Recombinant Mouse IgG2a isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

Product Specifications

Catalog No.	PA007461
Product Name	In vivo Grade Recombinant Anti-Human HLA-ABC Monoclonal Antibody, Mouse IgG2a Kappa (Clone: W6/32)
Clone & Isotype	W6/32 Mouse IgG2a Kappa
Synonyms	Major Histocompatibility Class I, MHC class I, human leukocyte antigen (HLA), HLA class I histocompatibility antigen
Applications	ELISA, flow cytometry, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the human HLA-ABC protein.
Immunogen / Host	The in vivo grade recombinant anti-human HLA-ABC Mouse IgG2a Kappa monoclonal antibody was produced in mammalian cells.
Purity & Endotoxin	>95% by SDS-PAGE under reducing conditions Less than 1 EU/mg of protein as determined by LAL method.
Formulation	0.2 uM filtered solution of 1x PBS.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month from date of receipt, 2 to 8°C as supplied.

Biological Description & Research Applications

The in vivo grade recombinant anti-human HLA-ABC Mouse IgG2a Kappa monoclonal antibody was produced in mammalian cells. The anti-human HLA-ABC antibody is a monoclonal or polyclonal antibody that targets conserved, non-polymorphic epitopes shared across human Major Histocompatibility Complex (MHC) Class I molecules (HLA-A, HLA-B, and HLA-C), which are expressed on the surface of nearly all nucleated cells. This antibody recognizes common regions of the HLA-ABC complex and is widely employed in immunological research for techniques such as flow cytometry, Western blotting, and immunohistochemistry to detect cell surface markers, investigate immune responses, and study transplantation-related mechanisms. HLA-ABC proteins play a critical role in immune surveillance and cell recognition, and the anti-human HLA-ABC antibody—particularly well-established clones like W6/32—has become a reliable and broadly used tool in the field due to its pan-specific reactivity.

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** <https://www.ushelf.com/anti-human-hla-abc-monoclonal-antibody-pa007461/>
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com