

## Anti-Human HLA-A, B, C (MHC Class I) In Vivo Antibody - Low Endotoxin

### Product Information

**Product SKU:**

IVMB0014

**Size:**

1mg, 5mg, 25mg, 50mg, 100mg

**Concentration:**

≥ 5.0 mg/ml

**Isotype:**

Mouse IgG2a κ

**Host:**

Mouse

**Clone:**

W6/32

**Category:**

Monoclonal Antibody

**Reactivity:**

Baboon, Chimpanzee, Cynomolgus Monkey, Feline, Bovine, Human

**Synonyms:**

Major Histocompatibility Class I, MHC class I, human leukocyte antigen (HLA)

**Specificity:**

Clone W6/32 recognizes the human MHC class I molecules HLA-A, -B, and -C.

**Formulation:**

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

**Endotoxin Level:**

< 1.0 EU/mg as determined by the LAL method

**Purity:**

≥95% monomer by analytical SEC · >95% by SDS Page

**Immunogen:**

Human tonsil cell membrane

**Storage and Stability:**

This antibody is stable for at least one week when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

**Product Preparation:**

Functional grade preclinical antibodies are manufactured in an animal free facility using only In vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

**Applications**

B, CODEX®, FC, IHC FF, IP, WB

**Applications & Recommended Usage:**

FC The suggested concentration for this HLA-A,B,C Clone W6/32 antibody for staining cells in flow cytometry is ≤ 2.0 µg per 10<sup>6</sup> cells in a volume of 100 µl or 100µl of whole blood. Titration of the reagent is recommended for optimal performance for each application.