Anti-human CD64 Antibody (Clone: H22) | PA007393.h1Fs

Catalog No.: PA007393.h1Fs | **Isotype:** Human IgG1 Fc Silent Kappa | **In Vivo Grade**

The human CD64 Fc blocking antibody (H22 Fc blocking antibody) is an anti-human Fc receptor antibody for human FcR blocking reagent. Various isotypes are available for certain applications. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

Product Specifications

Catalog No.	PA007393.h1Fs
Product Name	In vivo Grade Recombinant Anti-human CD64 Monoclonal Antibody, Human IgG1 Fc Silent Kappa (Clone: H22)
Clone & Isotype	H22. | Human IgG1 Fc Silent Kappa
Synonyms	cluster of differentiation 64, Fc gamma RIA and Fc gamma RIB, Human Fc Receptor Blocking Antibody
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 CD64 protein. Human Fc receptor blocking solution, human Fc receptor blocking reagent, and human Fc receptor blocking antibody.
Immunogen / Host	The anti-human CD64 monoclonal antibody (clone: H22) was produced in mammalian cells.
Purity & Endotoxin	**>95%** by SDS-PAGE under reducing conditions and HPLC | **< 1 EU per 1 mg** of the protein by the LAL method.
Formulation	0.2 uM filtered solution, pH 7.4, no stabilizers or preservatives.
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

Recombinant human IgG1 monoclonal antibody with Fc silent mutation.

Background: The recombinant H22 antibody binds to human and non-human primate CD64 or FcγRI, a cluster of differentiation molecule found on monocytes, macrophages, and neutrophils. CD64 plays a central role in macrophage antibody-dependent cellular cytotoxicity and clearance of immune complexes, and is a candidate biomarker for bacterial infection and sepsis.

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-cd64-monoclonal-antibody-pa007393-h1fs/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5019
- **Support Email:** message@sydlabs.com