For Research Use Only

CoraLite® Plus 488-conjugated HLA-F Monoclonal antibody

Catalog Number:CL488-66819 1 Publications

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-66819

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG6475

GenBank Accession Number:
BC062991

GeneID (NCBI):
3134

UNIPROT ID:
P30511

Full Name:
major histocompatibility complex, class I, F

Calculated MW:
39 kDa

Observed MW:
40-45 kDa

Purification Method:
Protein G purification

CloneNo.:
1B12C2

Recommended Dilutions:
IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
human

Positive Controls:

IF/ICC : Raji cells,

Background Information

Human major histocompatibility complex (MHC) antigens, also referred to as human leukocyte antigens (HLA), are encoded by genes located on the short arm of chromosome 6 (6p21.3). There are two classes of HLA antigens: class I and class II. This class I molecules are membrane glycoproteins composed of a heavy (alpha) chain which is encoded by a HLA class I gene, and β2-microglobulin light (beta) chain. The most extensively characterized members of the HLA class I gene family are the genes encoding the major transplantation antigenes, HLA-A, B and C. HLA-F is a non-classical MHC class I molecule. (PMID: 667938; 3375250; 2249951)

Notable Publications

Author	Pubmed ID	Journal	Application
Diana Manchorova	42357613	Viruses	

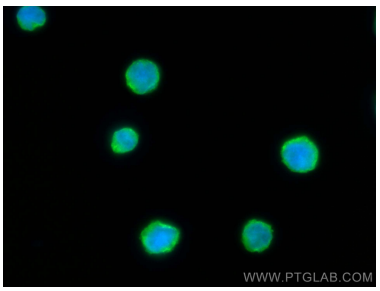
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Raji cells using CoraLite® Plus 488 HLA-F antibody (CL488-66819, Clone: 1B12C2) at dilution of 1:200.