

# CoraLite® Plus 488-conjugated KIAA1429 Monoclonal antibody

Catalog Number: **CL488-68235**

## Basic Information

**Catalog Number:**

CL488-68235

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG22449

**GenBank Accession Number:**

BC113380

**GeneID (NCBI):**

25962

**UNIPROT ID:**

Q69YN4

**Full Name:**

KIAA1429

**Calculated MW:**

1812 aa, 202 kDa

**Observed MW:**

200-210 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

3F1A4

**Excitation/Emission maxima  
wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

FC (Intra)

**Species Specificity:**

Human, mouse

## Background Information

VIRMA (KIAA1429) is a key component of m6A methyltransferase (writer) complex that include METTL3, METTL14, WTAP, VIRMA, HAKAI, ZC3H13, and RBM15. VIRMA mediates methylation in the 3'UTR and around the stop codon, thus affecting alternative polyadenylation. VIRMA has been reported to act as oncogenic factor in breast cancer and liver cancer.

## Storage

**Storage:**

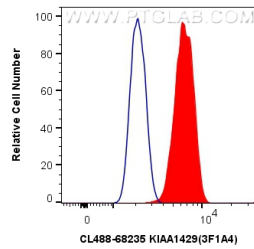
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human KIAA1429 (CL488-68235, Clone:3F1A4) (red), or 0.8 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).