

For Research Use Only

# CoraLite® Plus 488-conjugated FAM114A1 Monoclonal antibody



Catalog Number: CL488-67926

## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>CL488-67926                             | <b>GenBank Accession Number:</b><br>BC040452                           | <b>Purification Method:</b><br>Protein A purification                 |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>92689   | <b>CloneNo.:</b><br>1B11D6  |
| <b>Source:</b><br>Mouse   | <b>Full Name:</b><br>family with sequence similarity 114,<br>member A1 | <b>Recommended Dilutions:</b><br>IF 1:50-1:500                        |
| <b>Isotype:</b><br>IgG2a  | <b>Calculated MW:</b><br>563 aa, 61 kDa                                | <b>Excitation/Emission maxima<br/>wavelengths:</b><br>493 nm / 522 nm |
| <b>Immunogen Catalog Number:</b><br>AG17289                       | <b>Observed MW:</b><br>80 kDa  |   |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>IF                | <b>Positive Controls:</b><br>IF : HepG2 cells, |
| <b>Species Specificity:</b><br>Human, rat, mouse |  |

## Background Information

FAM114A1, also named as Nervous system overexpressed protein 20, is a 563 amino acid protein, which belongs to the FAM114 family. FAM114A1 localizes in the cytoplasm and may play a role in neuronal cell development. The calculated molecular weight of FAM114A1 is 61 kDa, but the modified FAM114A1 may be 70-80 kDa protein.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

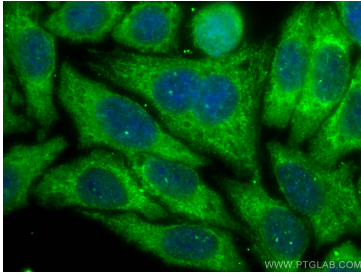
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed HepG2 cells using CoraLite® Plus 488  
FAM114A1 antibody (CL488-67926, Clone: 1B11D6  
) at dilution of 1:200.