

# CoraLite® Plus 488-conjugated MX1 Recombinant antibody

Catalog Number: **CL488-82677**

## Basic Information

Catalog Number: <b>CL488-82677</b>	GenBank Accession Number: <b>BC032602</b>	Purification Method: <b>Protein A purification</b>
Size: <b>1000 µg/ml</b>	GeneID (NCBI): <b>4599</b>	CloneNo.: <b>2L19</b>
Source: <b>Rabbit</b>	UNIPROT ID: <b>P20591</b>	Recommended Dilutions: <b>IF/ICC 1:50-1:500</b>
Isotype: <b>IgG</b>	Full Name: <b>Myxovirus resistance protein 1</b>	Excitation/Emission maxima wavelengths: <b>493 nm / 522 nm</b>
Immunogen Catalog Number: <b>AG4692</b>	Calculated MW: <b>662 aa, 76 kDa</b>	
	Observed MW: <b>75 kDa</b>	

## Applications

Tested Applications: <b>IF/ICC</b>	Positive Controls: <b>IF/ICC : A431 cells,</b>
Species Specificity: <b>Human</b>	

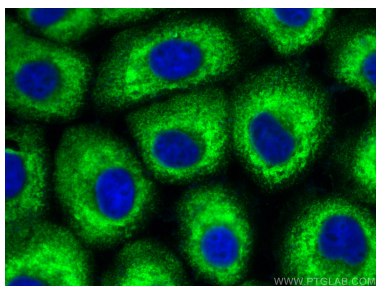
## Background Information

Mx1 (also known as MxA) is a GTPase that belongs to the Mx family of proteins, which are ubiquitous in eukaryotes and involved in the immune response to viral infections. The human Mx1 is localized in the cytoplasm interfering with the translation of viral proteins, whereas the mouse Mx1 accumulates in the nucleus and inhibits the primary transcription of viral RNA. Mx1 expression is induced by treatment with  $\alpha$  /  $\beta$  IFN.

## 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



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using CoraLite® Plus 488 MX1 antibody (CL488-82677, Clone: 2L19 ) at dilution of 1:200.