

# Product Datasheet

## mPlum Antibody - BSA Free

### NBP3-11833

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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Updated 5/23/2024 v.20.1

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**NBP3-11833**

mPlum Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Purity	Affinity purified
Buffer	PBS

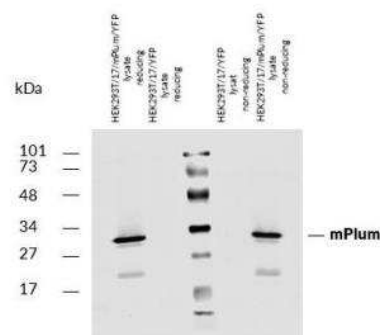
Product Description	
Host	Rabbit
Species	Non-species specific
Specificity/Sensitivity	The rabbit polyclonal antibody recognizes a far red fluorescent protein tag mPlum.
Immunogen	mPlum from Discosoma sp.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-4 ug/ml, Immunocytochemistry/ Immunofluorescence

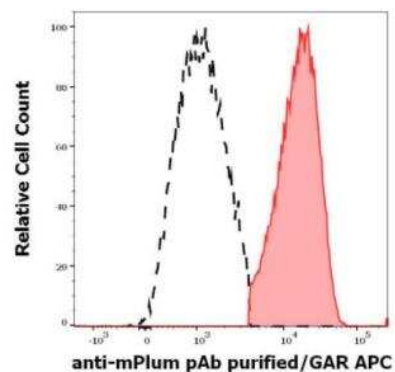


## Images

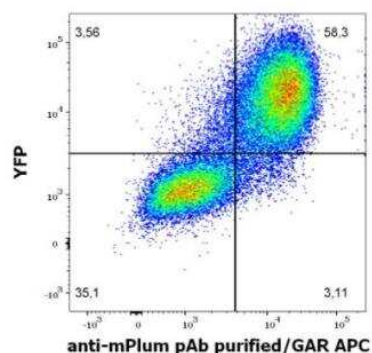
**Western Blot: mPlum Antibody [NBP3-11833] - Analysis of mPlum fluorescent protein using rabbit polyclonal antibody PAb (919) on lysates of HEK293T/17 cells co-transfected with mPlum/GPI and YFP/GPI constructs (HEK293T/17 cells transfected with YFP/GPI; negative control) under reducing and non-reducing conditions. Nitrocellulose membrane was probed with 2 ug/ml of rabbit anti-mPlum polyclonal antibody followed by IRDye800-conjugated anti-rabbit secondary antibody. A specific band was detected for mPlum protein at approximately 30 kDa.**



**Flow Cytometry: mPlum Antibody [NBP3-11833] - Separation of HEK293T/17 cells co-transfected with mPlum/GPI and YFP/GPI constructs stained anti-mPlum Purified rabbit polyclonal antibody (concentration in sample 2 ug/ml, GAR APC, red-filled) from HEK293T/17 cells co-transfected with mPlum/GPI and YFP/GPI constructs unstained by primary polyclonal antibody (GAR APC, black-dashed) in flow cytometry analysis (surface staining) of HEK293T17/mPlum/YFP cell suspension.**



**Flow Cytometry: mPlum Antibody [NBP3-11833] - Surface staining pattern of HEK293T/17 cells co-transfected with mPlum/GPI and YFP/GPI constructs stained using anti-mPlum Purified rabbit polyclonal antibody (concentration in sample 2 ug/ml, GAR APC).**





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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