

# Myc Tag Monoclonal Antibody (Myc.A7), DyLight™ 488

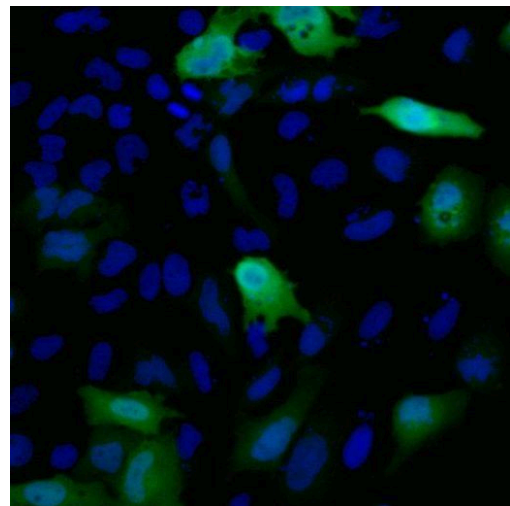
Product Details	
Size	50 µL
Species Reactivity	Tag
Published Species	Tag
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	Myc.A7
Conjugate	DyLight™ 488
Excitation/Emission Max	492/519 nm
Immunogen	Synthetic peptide: EQKLISEEDL (Myc).
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with proprietary stabilizer
Contains	0.02% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2536992

Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunocytochemistry (ICC/IF)	1:25-1:100	-

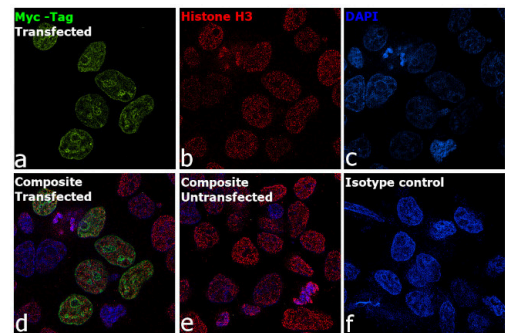
## Product Specific Information

MA5-21316-D488 has been successfully used for immunofluorescence. DyLight 488 has an excitation/emission of 493/518 nm.

Product Images For Myc Tag Monoclonal Antibody (Myc.A7), DyLight™ 488



**Myc Tag Antibody (MA1-21316-D488) in ICC/IF**  
Immunofluorescent analysis of HeLa cells transfected with a construct containing a Myc Epitope Tag. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA (Product # 37525) for 15 minutes at room temperature. Cells were probed with a DyLight 488-conjugated Myc Epitope Tag monoclonal antibody (Product # MA1-21316-D488) at a dilution of 1:25 for at least 1 hour at room temperature. Nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ArrayScan or ToxInsight Instrument at 20X magnification.



**Myc Tag Antibody (MA1-21316-D488) in ICC/IF**  
Immunofluorescent analysis of Myc tag was performed using 70% confluent His-H3-Myc transfected HEK-293 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with Myc Tag Monoclonal Antibody (Product # MA1-21316-D488) at 1:100 dilution and Histone H3 antibody (Product # 711055) at 1:200 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 647 (Product # A32733) at a dilution of 1:2000 for 45 minutes at room temperature. Panel a (Nuclei: Green) represents Myc tag. Panel b (Nuclei: Red) represents Histone 3. Panel c (Nuclei: Blue) represents ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). Panel d represents the merged image showing the co-localization of nuclear signals in transfected cells. Panel e represents un-transfected HEK-293 cells. Panel f represents isotype control cells with no primary antibody to assess background. The images were captured at 60X magnification.

1 Reference

Western Blot (1)

Genetics	Year 2016
DNA Replication Stress Phosphoproteome Profiles Reveal Novel Functional Phosphorylation Sites on Xrs2 in <i>Saccharomyces cerevisiae</i> .	Species Tag
"Published figure using Myc Tag monoclonal antibody (Product # MA1-21316-D488) in Western Blot"	
Authors: Huang D,Piening BD,Kennedy JJ,Lin C,Jones-Weinert CW,Yan P,Paulovich AG	

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