

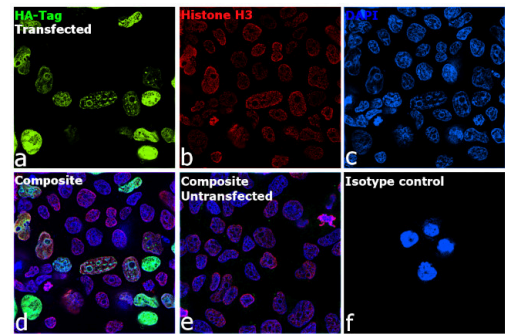
HA Tag Monoclonal Antibody (16B12), Alexa Fluor™ 488

Product Details	
Size	100 µL
Species Reactivity	Tag
Published Species	Tag
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	16B12
Conjugate	Alexa Fluor™ 488
Excitation/Emission Max	499/520 nm
Immunogen	twelve amino acid peptide CYPYDVPDYASL.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.2, with 0.1% BSA
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2535829

Applications	Tested Dilution	Publications
Western Blot (WB)	1-10 µg/mL	3 Publications
Immunohistochemistry (IHC)	-	3 Publications
Immunocytochemistry (ICC/IF)	5 µg/mL	13 Publications
Flow Cytometry (Flow)	-	7 Publications
Immunoprecipitation (IP)	-	3 Publications
Miscellaneous PubMed (Misc)	-	4 Publications

HA Tag Antibody (A-21287) in ICC/IF

Immunofluorescent analysis of HA Tag was performed using 70% confluent HA-H3 transfected HEK-293E 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 HA Tag Monoclonal Antibody (16B12), Alexa Fluor 488 (Product # A-21287) at 5 µg/mL and Histone H3 Rabbit Polyclonal Antibody (Product # 711055) at 0.5 µg/mL 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) respectively a dilution of 1:2,000 for 45 minutes at room temperature. Panel a (Nuclei: Green) represents HA Tag Monoclonal Antibody. Panel b (Nuclei: Red) represents Histone H3. 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 untransfected HEK-293E cells. Panel f represents control cells with isotype control antibody to assess background. The images were captured at 60X magnification.



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Western Blot (3)

<p>Nature communications</p> <p>Onsite GTP fuelling via DYNAMO1 drives division of mitochondria and peroxisomes.</p> <p>"A-21287 was used in Western Blotting to study the role of dynamin-based ring motive-force organiser 1 in mitochondrial division and peroxisome-dividing machinery."</p> <p>Authors: Imoto Y,Abe Y,Honsho M,Okumoto K,Ohnuma M,Kuroiwa H,Kuroiwa T,Fujiki Y</p>	<p>Year 2018</p> <p>Species Tag</p>
<p>Cell host & microbe</p> <p>Host Nitric Oxide Disrupts Microbial Cell-to-Cell Communication to Inhibit Staphylococcal Virulence.</p> <p>"A-21287 was used in Western blotting following immunoprecipitation to demonstrate an anti-virulence mechanism for nitric oxide in innate immunity."</p> <p>Authors: Urbano R,Karlinsey JE,Libby SJ,Doulias PT,Ischiropoulos H,Warheit-Niemi HI,Liggitt DH,Horswill AR,Fang FC</p>	<p>Year 2018</p> <p>Species Tag</p>

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Immunohistochemistry (3)

<p>eLife</p> <p>A toolbox of nanobodies developed and validated for use as intrabodies and nanoscale immunolabels in mammalian brain neurons.</p> <p>"A-21287 was used in Immunohistochemistry to report the generation and validation of nAbs against a set of proteins prominently expressed at specific subcellular sites in mammalian brain neurons."</p> <p>Authors: Dong JX, Lee Y, Kirmiz M, Palacio S, Dumitras C, Moreno CM, Sando R, Santana LF, Südhof TC, Gong B, Murray KD, Trimmer JS</p>	<p>Year 2019</p> <p>Species Tag</p>
<p>The Journal of biological chemistry</p> <p>Nicotinic acid receptor agonists differentially activate downstream effectors.</p> <p>"A-21287 was used in immunohistochemistry to study the signaling pathways induced by GPR109A pyrazole agonists that inhibit lipolysis but fail to elicit a flushing response"</p> <p>Authors: Richman JG, Kanemitsu-Parks M, Gaidarov I, Cameron JS, Griffin P, Zheng H, Guerra NC, Cham L, Maciejewski-Lenoir D, Behan DP, Boatman D, Chen R, Skinner P, Ornelas P, Waters MG, Wright SD, Semple G, Connolly DT</p>	<p>Year 2007</p> <p>Species Tag</p>

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- ICC/IF (13)
- Flow (7)
- IP (3)
- Misc (4)

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