

HA Tag Monoclonal Antibody (2-2.2.14), DyLight™ 650

Product Details

Size	50 µL
Species Reactivity	Tag
Published Species	Tag
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	2-2.2.14
Conjugate	DyLight™ 650
Excitation/Emission Max	651/673 nm
Immunogen	HA peptide YPYDVPDYA derivitized to ovalbumin.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS with proprietary stabilizer
Contains	0.02% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2533053

Applications

Tested Dilution

Publications

Western Blot (WB)	-	1 Publication
Immunocytochemistry (ICC/IF)	1:25-1:200	2 Publications
Flow Cytometry (Flow)	-	1 Publication

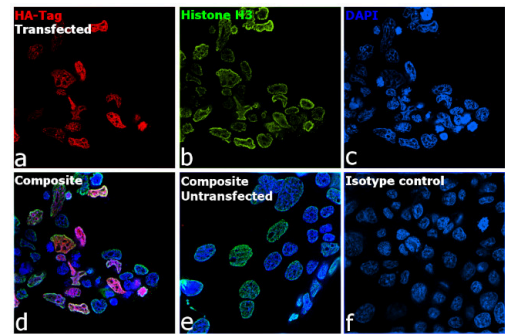
Product Specific Information

26183-D650 has been successfully used for immunofluorescence. DyLight 650 has an excitation/emission of 652/672 nm.

HA Synthetic Peptide (Product # 26184) is available for use in neutralization and control experiments and to competitively elute HA-tagged fusion proteins from immobilized anti-HA affinity resin.

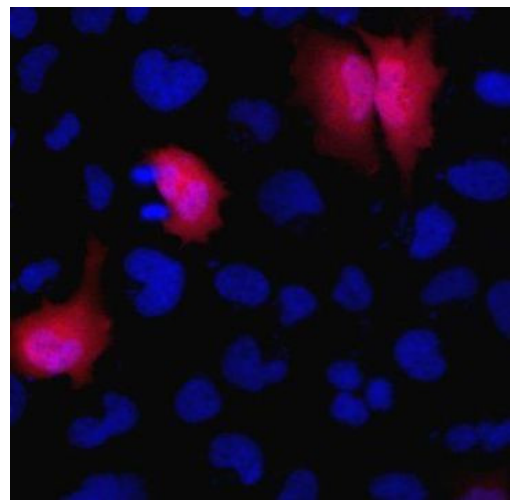
HA Tag Antibody (26183-D650) in ICC/IF

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 (2-2.2.14), DyLight 650 (Product # 26183-D650) at 1:200 dilution 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 Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790) respectively a dilution of 1:2,000 for 45 minutes at room temperature. Panel a (Nuclei: Red) represents HA Tag Monoclonal Antibody. Panel b (Nuclei: Green) 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.



HA Tag Antibody (26183-D650) in ICC/IF

Immunofluorescent analysis of HeLa cells transfected with a construct containing an HA 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 650-conjugated HA Epitope Tag monoclonal antibody (Product # 26183-D650) 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.



Western Blot (1)

<p>PloS one</p> <p>Valproic acid causes proteasomal degradation of DICER and influences miRNA expression.</p> <p>"26183-D650 was used in western blot to study the proteasomal degradation of DICER and altered miRNA levels induced by valproic acid"</p> <p>Authors: Zhang Z,Convertini P,Shen M,Xu X,Lemoine F,de la Grange P,Andres DA,Stamm S</p>	<p>Year 2014</p> <p>Species Tag</p>
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Immunocytochemistry (2)

<p>The Journal of clinical investigation</p> <p>Functional 64 acetylcholine receptor expression enables pharmacological testing of nicotinic agonists with analgesic properties.</p> <p>"26183-D650 was used in Immunocytochemistry to identify roles for IRE1 and BARP in neurotransmitter receptor assembly and unlock drug discovery for the previously elusive 64 receptor."</p> <p>Authors: Knowland D,Gu S,Eckert WA,Dawe GB,Matta JA,Limberis J,Wickenden AD,Bhattacharya A,Bredt DS</p>	<p>Year 2020</p> <p>Species Tag</p>
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<p>Cell reports</p> <p>NACHO Engages N-Glycosylation ER Chaperone Pathways for 7 Nicotinic Receptor Assembly.</p> <p>"26183-D650 was used in Immunocytochemistry to identify ER pathways that mediate 7 assembly by NACHO and provide insights into novel pharmacological strategies for these crucial nicotinic receptors."</p> <p>Authors: Kweon HJ,Gu S,Witham E,Dhara M,Yu H,Mandon ED,Jawhari A,Bredt DS</p>	<p>Year 2020</p> <p>Species Tag</p>
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Flow Cytometry (1)

<p>Cell</p> <p>Epithelia Use Butyrophilin-like Molecules to Shape Organ-Specific T Cell Compartments.</p> <p>"26183-D650 was used in flow cytometry investigate how organ-specific Btln genes shape local T cell compartments"</p> <p>Authors: Di Marco Barros R,Roberts NA,Dart RJ,Vantourout P,Jandke A,Nussbaumer O,Deban L,Cipolat S,Hart R,Iannitto ML,Laing A,Spencer-Dene B,East P,Gibbons D,Irving PM,Pereira P,Steinhoff U,Hayday A</p>	<p>Year 2016</p> <p>Species Tag</p>
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