

HA Tag Monoclonal Antibody (2-2.2.14), DyLight™ 488

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™ 488
Excitation/Emission Max	492/519 nm
Immunogen	HA peptide YPYDVPDYA derivitized to ovalbumin.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2533051

Applications

Tested Dilution

Publications

Immunohistochemistry (IHC)	-	2 Publications
Immunocytochemistry (ICC/IF)	1:25-1:200	2 Publications

Product Specific Information

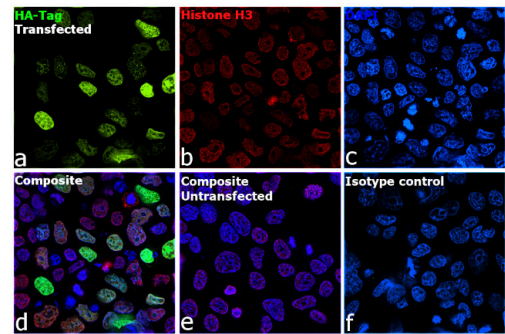
26183-D488 has been successfully used for immunofluorescence. DyLight 488 has an excitation/emission of 493/518 nm.

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.

Product Images For HA Tag Monoclonal Antibody (2-2.2.14), DyLight™ 488

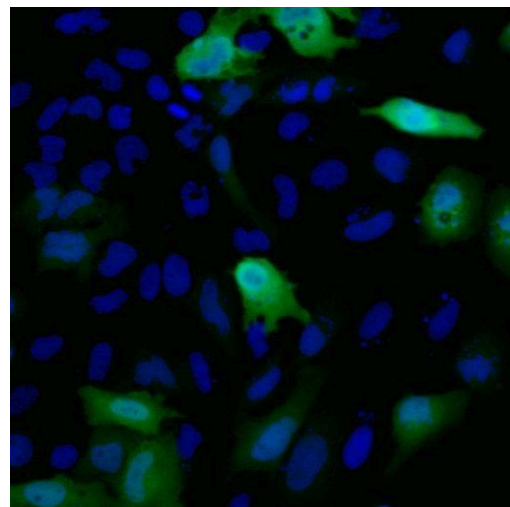
HA Tag Antibody (26183-D488) in ICC/IF

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 488 (Product # 26183-D488) 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 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.



HA Tag Antibody (26183-D488) 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 488-conjugated HA Epitope Tag monoclonal antibody (Product # 26183-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.



View more figures on thermofisher.com

Immunohistochemistry (2)

<p>PLoS genetics</p> <p>Conserved nuclear hormone receptors controlling a novel plastic trait target fast-evolving genes expressed in a single cell.</p> <p>"Published figure using HA Tag monoclonal antibody (Product # 26183-D488) in Immunohistochemistry"</p> <p>Authors: Sieriebriennikov B,Sun S,Lightfoot JW,Witte H,Moreno E,Rödelsperger C,Sommer RJ</p>	<p>Year 2020</p> <p>Species Tag</p> <p>Dilution 1:25</p>
<p>The Journal of neuroscience : the official journal of the Society for Neuroscience</p> <p>Identification of VAPA and VAPB as Kv2 Channel-Interacting Proteins Defining Endoplasmic Reticulum-Plasma Membrane Junctions in Mammalian Brain Neurons.</p> <p>"26183-D488 was used in Immunohistochemistry-immunofluorescence to suggests that Kv2.1 expression in the PM can affect ER-PM junctions via its phosphorylation-dependent association to ER-localized VAPA and VAPB."</p> <p>Authors: Kirmiz M,Vierra NC,Palacio S,Trimmer JS</p>	<p>Year 2018</p> <p>Species Tag</p>

Immunocytochemistry (2)

<p>Molecular therapy. Methods & clinical development</p> <p>mRNA as a Novel Treatment Strategy for Hereditary Spastic Paraplegia Type 5.</p> <p>"Published figure using HA Tag monoclonal antibody (Product # 26183-D488) in Immunocytochemistry"</p> <p>Authors: Hauser S,Poenisch M,Schelling Y,Höflinger P,Schuster S,Teegler A,Betten R,Gustafsson JÄ,Hübener-Schmid J,Schlake T,Chevessier-Tünnesen F,Horscroft N,Björkhem I,Schöls L</p>	<p>Year 2019</p>
<p>The Journal of neuroscience : the official journal of the Society for Neuroscience</p> <p>Identification of VAPA and VAPB as Kv2 Channel-Interacting Proteins Defining Endoplasmic Reticulum-Plasma Membrane Junctions in Mammalian Brain Neurons.</p> <p>"26183-D488 was used in Immunohistochemistry-immunofluorescence to suggests that Kv2.1 expression in the PM can affect ER-PM junctions via its phosphorylation-dependent association to ER-localized VAPA and VAPB."</p> <p>Authors: Kirmiz M,Vierra NC,Palacio S,Trimmer JS</p>	<p>Year 2018</p> <p>Species Tag</p>

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.