

# Phosphotyrosine Monoclonal Antibody (pY20)

Product Details	
Size	100 µg
Species Reactivity	Chemical
Published Species	Chemical, Human, Mouse
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	pY20
Conjugate	Unconjugated
Immunogen	Hybridoma produced from Balb/C mice immunized with phosphotyrosine coupled to carrier protein.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A/G
Storage buffer	PBS
Contains	0.08% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2536315

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	44 Publications
Immunohistochemistry (IHC)	Assay-dependent	2 Publications
Immunocytochemistry (ICC/IF)	-	3 Publications
ELISA (ELISA)	Assay-dependent	1 Publication
Immunoprecipitation (IP)	Assay-dependent	8 Publications
Miscellaneous PubMed (Misc)	-	19 Publications

Western Blot (44)

Cellular & molecular biology letters	Year 2022
<b>HCMV-miR-US33-5p promotes apoptosis of aortic vascular smooth muscle cells by targeting EPAS1/SLC3A2 pathway.</b>	Species Human
"AHO0681 was used in Western Blot to highlight the importance of HCMV-miR-US33-5p/EPAS1/SCL3A2 signaling and may provide new insights into therapeutic strategies for AAD."	Dilution 1:1000
Authors: Dong J,Li S,Lu Z,Du P,Liu G,Li M,Ma C,Zhou J,Bao J	
PloS one	Year 2015
<b>Heat shock protein 90 has roles in intracellular calcium homeostasis, protein tyrosine phosphorylation regulation, and progesterone-responsive sperm function in human sperm.</b>	Dilution 1:1000
"AHO0681 was used in western blot to examine the mechanism by which heat shock protein 90 affects human sperm function"	
Authors: Li K,Xue Y,Chen A,Jiang Y,Xie H,Shi Q,Zhang S,Ni Y	

View more WB references on thermofisher.cn

Immunohistochemistry (2)

Transgenic research	Year 2008
<b>Human cytomegalovirus immediate-early-gene expression disrupts embryogenesis in transgenic Drosophila.</b>	Dilution 1:500
"AHO0681 was used in immunohistochemistry to develop and use a transgenic Drosophila model system to examine the effects of viral infection on embryonic development"	
Authors: Steinberg R,Shemer-Avni Y,Adler N,Neuman-Silberberg S	
The Journal of comparative neurology	Year 2006
<b>Photoreceptor morphogenesis in the Drosophila compound eye: R1-R6 rhabdomeres become twisted just before eclosion.</b>	
"AHO0681 was used in immunohistochemistry to study rhabdome twisting"	
Authors: Baumann O,Lutz K	

More applications with references on thermofisher.cn

- ICC/IF (3)
- ELISA (1)
- IP (8)
- Misc (19)

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.