

alpha Internexin Monoclonal Antibody (2E3)

Product Details

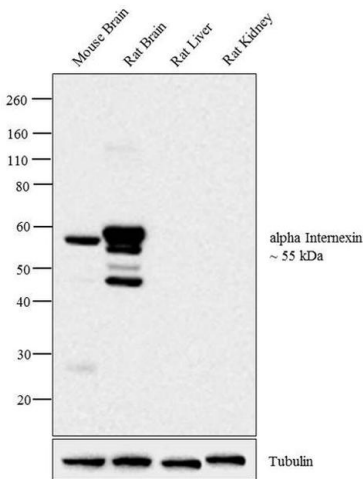
Size	100 µg
Species Reactivity	Human, Mouse, Rabbit, Rat
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	2E3
Conjugate	Unconjugated
Immunogen	Full-length recombinant rat alpha-internexin protein.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533075

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	2 Publications
Immunohistochemistry (IHC)	1-5 µg/mL	5 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	4 Publications
Immunocytochemistry (ICC/IF)	2 µg/mL	-
ELISA (ELISA)	1 µg/mL	-

Product Specific Information

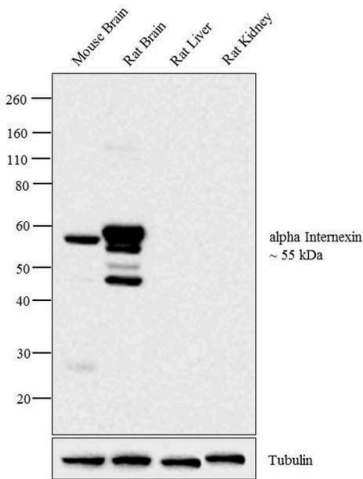
This antibody is purified from mouse ascites fluid and is specific for the 66 kDa alpha-internexin protein. 2E3 antibody has stained human neuron and nerve fiber in human cerebral cortex. It has also stained glioma, ganglioneuroma, pheochromocytoma, and paraganglioma in human tissue. It is recommended that FFPE tissues are pretreated with HIER using citrate buffer, pH 6.

Product Images For alpha Internexin Monoclonal Antibody (2E3)



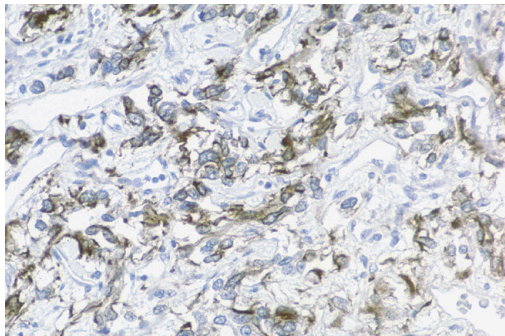
alpha Internexin Antibody (32-3600) in WB

Western blot analysis was performed on tissue extracts (30 µg lysate) of Mouse Brain (Lane 1), Rat Brain (Lane 2), Rat Liver (Lane 3) and Rat Kidney (Lane 4). The blot was probed with Anti- alpha Internexin Mouse Monoclonal Antibody (Product # 32-3600, 0.5 µg/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.5 µg/mL, 1:4000 dilution). A 55 kDa band corresponding to alpha Internexin was observed in Mouse Brain, Rat Brain and not observed in other tissues which are documented to be alpha Internexin negative.



alpha Internexin Antibody (32-3600)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Relative expression of alpha Internexin was observed in Mouse Brain, Rat Brain, Rat Liver and Rat Kidney in Western Blot using alpha Internexin Monoclonal Antibody (Product # 32-3600). Alpha Internexin is reported to be expressed in brain tissue and not in other tissues like liver and kidney. {RE}



alpha Internexin Antibody (32-3600) in IHC

Mouse anti-Alpha-Internexin (2E3) stained paranganglioma.

View more figures on thermofisher.cn

Western Blot (2)

Brain : a journal of neurology

PRKAR1B mutation associated with a new neurodegenerative disorder with unique pathology.

"32-3600 was used in western blot to study the association of PRKAR1B mutation with a new neurodegenerative disorder"

Authors: Wong TH,Chiu WZ,Breedveld GJ,Li KW,Verkerk AJ,Hondius D,Hukema RK,Seelaar H,Frick P,Severijnen LA,Lammers GJ,Lebbink JH,van Duinen SG,Kamphorst W,Rozemuller AJ,Bakker EB,Neumann M,Willemsen R,Bonifati V,Smit AB,van Swieten J

Year
2014

Species
Human

Brain : a journal of neurology

FET proteins TAF15 and EWS are selective markers that distinguish FTLD with FUS pathology from amyotrophic lateral sclerosis with FUS mutations.

Authors: Neumann M,Bentmann E,Dormann D,Jawaid A,DeJesus-Hernandez M,Ansorge O,Roeber S,Kretschmar HA,Munoz DG,Kusaka H,Yokota O,Ang LC,Bilbao J,Rademakers R,Haass C,Mackenzie IR

Year
2011

Species
Human

Immunohistochemistry (5)

Clinical neuropathology

Gliosarcoma with ependymal and PNET-like differentiation.

"32-3600 was used in immunohistochemistry to characterize a rare case of gliosarcoma"

Authors: Shintaku M,Yoneda H,Hirato J,Nagaishi M,Okabe H

Year
2014

Species
Human

Dilution
1:250

Acta neuropathologica

Frontotemporal dementia-amyotrophic lateral sclerosis syndrome locus on chromosome 16p12.1-q12.2: genetic, clinical and neuropathological analysis.

"32-3600 was used in Immunohistochemistry to suggest that a locus on chromosome 16p12.1-16q12.2 is responsible for an unusual cluster of neurodegenerative phenotypes."

Authors: Dobson-Stone C,Luty AA,Thompson EM,Blumbers P,Brooks WS,Short CL,Field CD,Panegyres PK,Hecker J,Solski JA,Blair IP,Fullerton JM,Halliday GM,Schofield PR,Kwok JB

Year
2013

Species
Human

Dilution
1:50

[View more IHC references on thermofisher.cn](#)

More applications with references on thermofisher.cn

IHC (P) (4)

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.