

For Research Use Only

EML4 Polyclonal antibody

Catalog Number: 22709-1-AP



Basic Information

| | | |
|---|---|---|
| Catalog Number: 22709-1-AP | GenBank Accession Number: BC140845 | Purification Method: Antigen Affinity purified |
| Size: 150ul, Concentration: 700 µg/ml by Nanodrop and 440 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 27436 | Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB |
| Source: Rabbit | Full Name: echinoderm microtubule associated protein like 4 | IHC 1:50-1:500 IF 1:20-1:200 |
| Isotype: IgG | Calculated MW: 981 aa, 109 kDa | |
| Immunogen Catalog Number: AG18463 | Observed MW: 120 kDa | |

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: A549 cells, A431 cells, HeLa cells

IP: A549 cells,

IHC: human breast cancer tissue, human prostate cancer tissue, human lung cancer tissue

IF: A549 cells,

Background Information

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

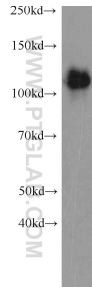
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

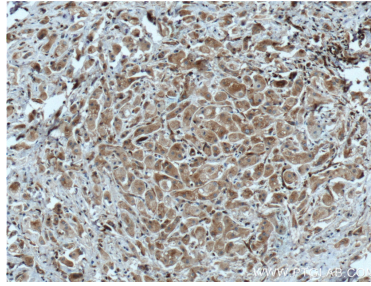
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

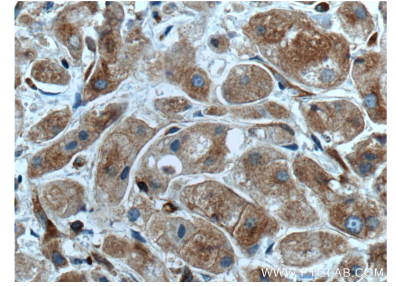
Selected Validation Data



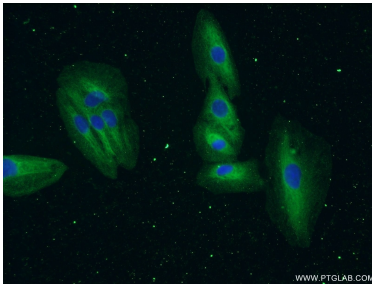
A549 cells were subjected to SDS PAGE followed by western blot with 22709-1-AP (EML4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



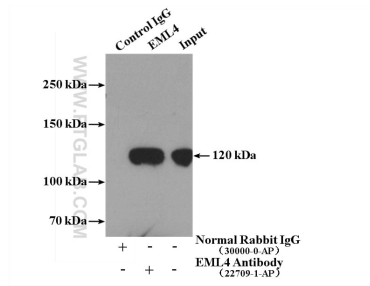
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22709-1-AP (EML4 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22709-1-AP (EML4 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of A549 cells using 22709-1-AP (EML4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-EML4 (IP:22709-1-AP, 4ug; Detection:22709-1-AP 1:2000) with A549 cells lysate 400ug.