

For Research Use Only

Cytokeratin 16 Monoclonal antibody, PBS Only



Catalog Number: 66802-1-PBS

Featured Product

Basic Information

Catalog Number:

66802-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG11240

GenBank Accession Number:

BC039169

GeneID (NCBI):

3868

UNIPROT ID:

P08779

Full Name:

keratin 16

Calculated MW:

473 aa, 51 kDa

Observed MW:

51 kDa

Purification Method:

Protein A purification

CloneNo.:

2H4D8

Applications

Tested Applications:

WB, IF, IHC, ELISA

Species Specificity:

Human

Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. Keratin 16 is a type I cytokeratin. It is paired with keratin 6 in a number of epithelial tissues, including nail bed, esophagus, tongue, and hair follicles.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

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

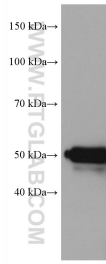
T: 4006900926

E: Proteintech-CN@ptglab.com

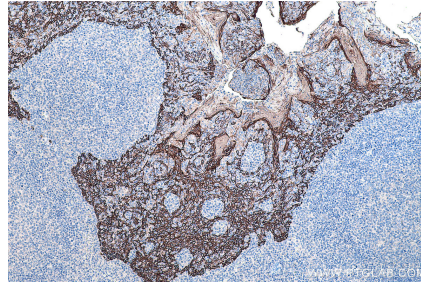
W: ptgcn.com

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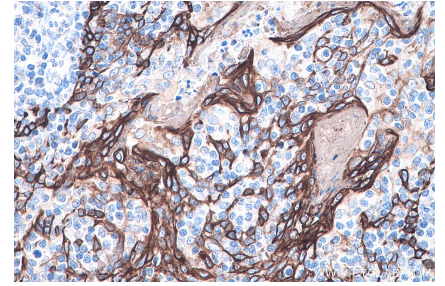
Selected Validation Data



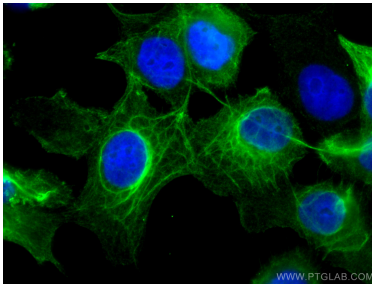
A431 cells were subjected to SDS PAGE followed by western blot with 66802-1-Ig (Cytokeratin 16 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66802-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66802-1-Ig (Cytokeratin 16 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66802-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66802-1-Ig (Cytokeratin 16 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66802-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using Cytokeratin 16 antibody (66802-1-Ig, Clone: 2H4D8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66802-1-PBS in a different storage buffer formulation.