

For Research Use Only

Cytokeratin 80 Recombinant monoclonal antibody

Catalog Number: 86313-1-RR



Basic Information

Catalog Number:

86313-1-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC065180

GeneID (NCBI):

144501

UNIPROT ID:

Q6KB66

Full Name:

keratin 80

Calculated MW:

422 aa, 47 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

250883H5

Recommended Dilutions:

WB: 1:500-1:2000

IF-P: 1:50-1:500

Applications

Tested Applications:

WB, IF-P, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : A431 cells, HeLa cells, NIH/3T3 cells

IF-P : mouse skin tissue, human breast cancer tissue

Background Information

KRT80 is a human IF type II epithelial keratin gene involved in the formation of IF heterodimers in various epithelial cells. KRT80 is overexpressed in many neoplasms and plays an essential role in promoting cell proliferation, migration and invasiveness, and is associated with poor prognosis in cancer patients. KRT80 has three isoforms with predicted MW of 50 kDa, 47 kDa, and 54 kDa.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

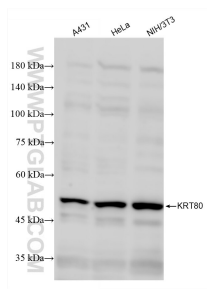
For technical support and original validation data for this product please contact:

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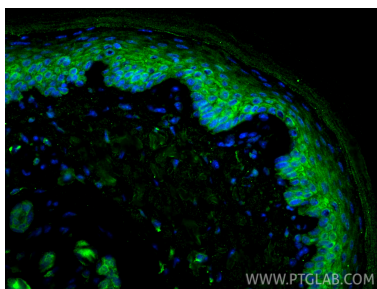
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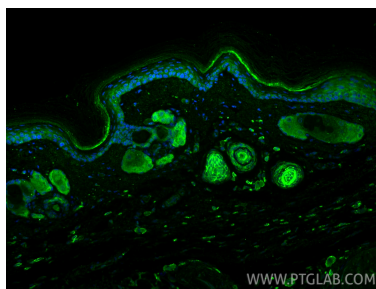
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86313-1-RR (Cytokeratin 80 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse skin tissue using Cytokeratin 80 antibody (86313-1-RR, Clone: 250883H5) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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