

For Research Use Only

Cytokeratin 24 Polyclonal antibody

Catalog Number:33702-1-AP



Basic Information

Catalog Number: 33702-1-AP	GenBank Accession Number: BC111968	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 192666	Recommended Dilutions: IHC: 1:200-1:800 IF/ICC: 1:200-1:800
Isotype: IgG	UNIPROT ID: Q2M2I5	
Immunogen Catalog Number: AG40474	Full Name: keratin 24	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls: IHC : human breast cancer tissue, IF/ICC : A431 cells,
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

Background Information

Cytokeratin 24 (CK-24), also known as Keratin 24 (KRT24), is a relatively recently identified type I cytokeratin. It is encoded by the KRT24 gene located on human chromosome 17. KRT24 is strongly expressed in keratinocytes, colon, spleen, and placenta. Previous research has suggested that KRT24 potentially acts as an oncogene in the early stages of colorectal cancer.

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

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

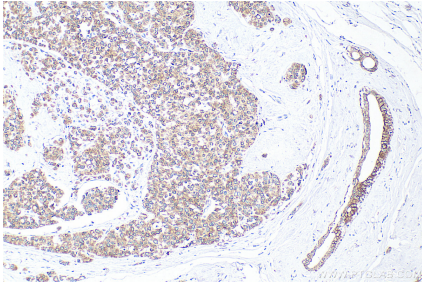
T: 4006900926

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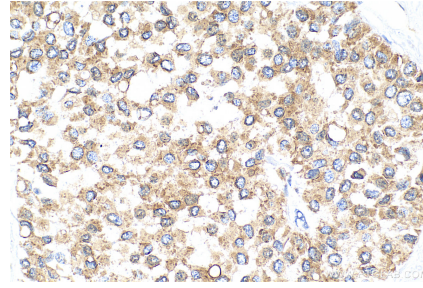
W: ptgcn.com

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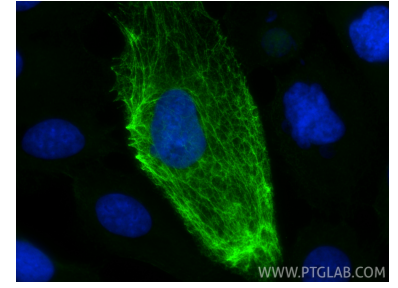
Selected Validation Data



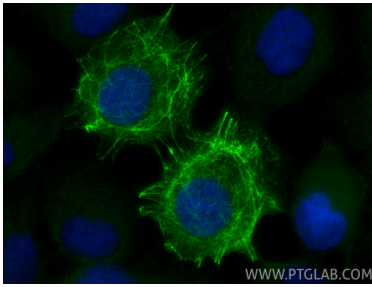
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 33702-1-AP (Cytokeratin 24 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 33702-1-AP (Cytokeratin 24 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Cytokeratin 24 antibody (33702-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Cytokeratin 24 antibody (33702-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).