

Cytokeratin 8 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02480
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Keratin 8. AA range:401-450
Mol wt	53573
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Cytokeratin 8 Antibody
Synonyms	KRT8; CYK8; Keratin; type II cytoskeletal 8; Cytokeratin-8; CK-8; Keratin-8; K8; Type-II keratin Kb8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

KRT8 is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

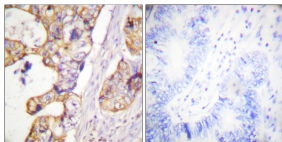
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

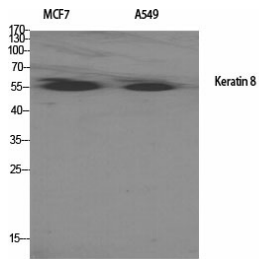
ELISA: 1: 5000

Not yet tested in other applications.

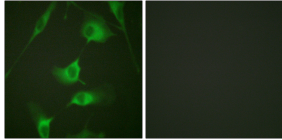
Images



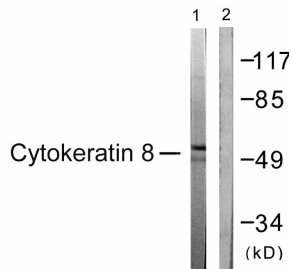
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using Keratin 8 Antibody. The picture on the right is blocked with the synthesized peptide.



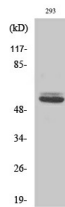
Western Blot analysis of various cells using Cytokeratin 8 Polyclonal Antibody diluted at 1:2000



Immunofluorescence analysis of HeLa cells, using Keratin 8 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, treated with EGF 200ng/ml 30', using Keratin 8 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 293 cells using Cytokeratin 8 Polyclonal Antibody diluted at 1:2000

Storage

-20°C for one year

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