

Cytokeratin 19 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02481
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytokeratin 19. AA range:300-349
Mol wt	44092/59511/53511
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Cytokeratin 19 Antibody
Synonyms	KRT19; Keratin; type I cytoskeletal 19; Cytokeratin-19; CK-19; Keratin-19; K19

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

Background

The protein encoded by KRT19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.

Recommended Dilution

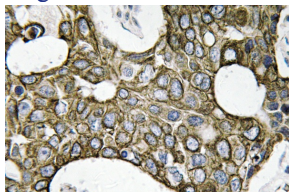
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

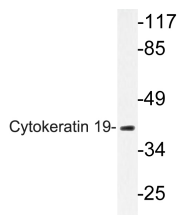
ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of Cytokeratin 19 antibody in paraffin-embedded human breast carcinoma tissue.



Western blot analysis of lysate from K562 cells, using Cytokeratin 19 antibody.

Storage

-20°C for one year

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