

Cytokeratin 19 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2091
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of Cytokeratin 19 (aa80-400) expressed in E. Coli.
Mol wt	44kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	CK19;K1CS;MGC15366;KRT19

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

Background

Cytokeratin 19, also known as KRT19, CK19, K1CS, MGC15366. Entrez Protein NP_002267. It 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.

Recommended Dilution

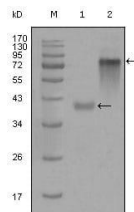
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

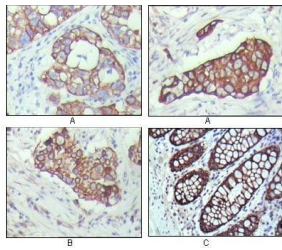
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using anti-KRT19 monoclonal antibody against truncated KRT19-His recombinant protein (1) and full-length KRT19(aa1-400)-hIgGFc transfected CHO-K1 cell lysate(2).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma(A), lung cancer(B) and normal colon tissue(C), showing cytoplasmic localization with DAB staining using KRT19 mouse mAb.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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