Rabbit Cytokeratin-19 (CK-19) Antibody | anti-CK-19 antibody

Rabbit anti Cytokeratin-19 (CK-19) antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71378	**Rabbit**	**Human, Mouse, Rat, Bovine**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Cytokeratin-19 (CK-19); Rabbit anti Cytokeratin-19 (CK-19) antibody; Rabbit anti-CK-19; CK19; Keratin-19 (K19); KRT19; MGC15366; K1CS; Keratin type I 40kDa.; anti-CK-19 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Specificity	This antibody only recognizes ~40 kDa of human Cytokeratin-19. It also reacts with mouse CK-19 protein. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile phosphatebuffered saline (pH7.2) containing antibody stabilizer
Concentration	Size: 100 ug/200 ul (varies by lot)
Applicable Applications for anti-CK-19 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide corresponding to the C-terminus of human Cytokeratin protein.
Positive Control	MCF-7 cell lysate
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C-8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-CK-19 antibody	Cytokeratin-19 is one member of the type A (acidic) subfamily of low molecular weight keratins. 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 (A) 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 envelopes the developing epidermis. Keratin 19 is not expressed in hepatocytes, therefore, antibody to keratin 19 is useful in the identification of liver metastasis. The degree of keratin 19 positivity in breast cancer distinguishes malignant from benign tumours. Keratin 19 is often co-expressed with keratin 7.
References	Yuan CC, et al. Cytokeratin-19 associated with apoptosis and chemosensitivity in human cervical cancer cells. Apoptosis. 1997; 2 (1):101-5.

NCBI AND UNIPROT INFORMATION

Molecular Weight	40 kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.