

**AM08361PU-N****Monoclonal Antibody to Cytokeratin 19 - Aff - Purified**

<b>Alternate names:</b>	CK19, Cytokeratin-19, K19, KRT19, Keratin type I cytoskeletal 19, Keratin-19
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	This protein 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. 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.
<b>Uniprot ID:</b>	<a href="#">P08727</a>
<b>NCBI:</b>	<a href="#">NP_002267.2</a>
<b>GenelD:</b>	<a href="#">3880</a>
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Clone:</b>	A53-B/A2
<b>Immunogen:</b>	Human mammary carcinoma cell line MCF-7
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Purification:</b> Affinity Chromatography <b>Buffer System:</b> PBS, pH 7.2 containing 0.09% Sodium Azide as preservative
<b>Applications:</b>	<b>ELISA.</b> <b>Immunocytochemistry.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 10 µg/ml. <b>Immunoprecipitation.</b> <b>Western Blot.</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to Keratin, Type I Cytoskeletal 19 (KRT19). <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.

**Pictures:**

Human Kidney (formalin-fixed, paraffin-embedded) stained with KRT19 this antibody at 10 µg/ml followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

