

Product datasheet for **TA600573**

Cytokeratin 19 (KRT19) Mouse Monoclonal Capture Antibody [Clone ID: OTI9A9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI9A9
Applications:	ELISA
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of human KRT19 (NP_002267) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	43.9 kDa
Gene Name:	keratin 19
Database Link:	NP_002267 Entrez Gene 3880 Human P08727
Background:	<p>Keratin-19 (KRT19) also known as keratin, type I cytoskeletal 19, cytokeratin-19 (CK-19), or CYFRA 21-1, is a 40 kDa protein that in humans is encoded by the KRT19 gene. Keratin 19 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. Keratin 19 is a type I keratin. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. KRT19 is the most used marker for the RT-PCR-mediated detection of tumor cells disseminated in lymph nodes, peripheral blood, and bone marrow of breast cancer patients. There is a positive correlation between higher expression of KRT19 in some kind of cancers and worse patient survival, where it serves as a diagnostic or prognostic biomarker.</p>



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Synonyms: CK19; K1CS; K19

Matched ELISA Pair: TA700573