

Mouse Anti-KRT19 Monoclonal Antibody

CAB-1903MH Mouse(KRT19)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti-KRT19 Monoclonal Antibody
Antigen Description	The protein encoded by this gene 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 envelopes the developing epidermis.
specificity	Cytokeratin 19 in epithelial tissues. Epitope localized at a.a.352-368 of the alpha-helical fragment. Recognizes human, rat, fish, rabbit and bovine. Does not cross-react with mouse, woodchuck, chicken or xenopus.
Target	KRT19
Immunogen	Cytokeratin 19 of Mr 40,000; from cultured human MCF-7 cells
Host	Mouse
Isotype	IgG2b
Source	Ascites
Species	Human
Clone	LS19.2 (Z105.6)
Affinity Constant	Not determined
Purification	Protein A chromatography
conjugation	N/A
Applications	ELISA, WB, IHC

PACKAGING

Format	Purified, Lyophilized Reconstitute with 1ml distilled water.
Concentration	50ug/ml (prior to lyophilization) 50ug/ml (prior to lyophilization)
Buffer	PBS, pH 7.4 containing 0.5 % BSA
Storage	Store at 2-8°C.
Preservative	0.09 % Sodium azide
Warning	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

ANTIGEN GENE INFORMATION

Gene Name	KRT19 keratin 19 [Homo sapiens]
Official Symbol	KRT19

Synonyms	KRT19; keratin 19; keratin, type I cytoskeletal 19; 40 kDa keratin intermediate filament; CK19; cytokeratin 19; K1CS; K19; keratin; type I cytoskeletal 19; type I; 40 kd; MGC15366; CK-19; keratin-19; cytokeratin-19; keratin, type I, 40-kd; 40-kDa keratin intermediate filament;
GeneID	3880
mRNA Refseq	NM_002276
Protein Refseq	NP_002267
MIM	148020
UniProt ID	P08727
Chromosome Location	17q21-q23
Pathway	Signaling mediated by p38-alpha and p38-beta, organism-specific biosystem;
Function	protein binding; structural constituent of cytoskeleton; structural constituent of muscle;