

Mouse Anti-KRT20 Monoclonal Antibody

CAB-1926MH Mouse(KRT20)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti-KRT20 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. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21.
specificity	Recognizes protein IT (cytokeratin No. 20, Mr 46,000). Recognizes human, pig and rat. Reacts on cultured cell lines HT-29, LoVo, DLD-1, SW1116, CaCo-2 and RT-4.
Target	KRT20
Immunogen	Electrophoretically purified cytokeratin (CK) 20 from human intestinal mucosa
Host	Mouse
Isotype	IgG1
Source	Cell culture
Species	Human
Clone	JT-Ks20.10
Affinity Constant	Not determined
Purification	Protein A affinity chromatography
conjugation	N/A
Applications	ELISA, WB, IHC

PACKAGING

Format	Purified, Lyophilized Reconstitute in 1ml distilled water
Concentration	50ug/ml (prior to lyophilization)50ug/ml (prior to lyophilization)
Buffer	Lyophilized from PBS, pH 7.4 containing 0.5 % BSA
Storage	After reconstitution, store (up to 1 year) at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
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	KRT20 keratin 20 [Homo sapiens]
Official Symbol	KRT20

Synonyms	KRT20; keratin 20; keratin, type I cytoskeletal 20; CK20; K20; MGC35423; keratin-20; protein IT; cytokeratin 20; cytokeratin-20; CD20; CK-20; KRT21;
GeneID	54474
mRNA Refseq	NM_019010
Protein Refseq	NP_061883
MIM	608218
UniProt ID	P35900
Chromosome Location	17q21.2
Function	protein binding; structural constituent of cytoskeleton;