

Product overview

product name	Cytokeratin 19 mouse monoclonal antibody
catalog No.	ATDA00057
Category	Primary antibody
Host	Mouse
Species specificity	This antibody detects endogenous levels of human Cytokeratin 19. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section
Tested applications	IHC-p
Clonality	Monoclonal
Immunogen	Synthesized peptide derived from human Cytokeratin 19.
Alternative Names	Keratin,type I cytoskeletal 19,Cytokeratin-19(CK-19),Keratin-19(K19)
Uniprot ID	P08727

Product performance

Form	Liquid
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Stored at -20°C.Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Isotype	IgG1,Kappa

Dilution range

IHC-p:1:100-1:500

Product background

Keratin 19(KRT19) Homo sapiens 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. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.