

Product datasheet for **AM08174PU-N**

Cytokeratin 8 (KRT8) (C-term) Mouse Monoclonal Antibody [Clone ID: SB37b]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SB37b
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: < / = 1-2 µg/ml. Immunohistochemistry (Acetone-Fixed, Frozen Tissue Sections): 10 µg/ml
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant C-terminal fragment of Keratin 8.
Specificity:	This antibody reacts specifically with Cytokeratin 8 and recombinant C-terminal Keratin 8.
Formulation:	100 mM Borate buffered saline, pH 8.0 without preservatives or amine-containing buffer salts. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 8
Database Link:	Entrez Gene 3856 Human P05787



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Background:

Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1-8). The two keratin types share only 30% sequence homology. (Ref.1-5) Keratins demonstrate tissue- and differentiation-specific expression profiles. Cytokeratin 8 (55 kDa) belongs to the type B (basic) subfamily of high molecular weight keratins and exists in combination with keratin 18. It is expressed in all simple type epithelia tissues (e.g., liver, pancreas, kidney, gut epithelial lining) but not in stratified squamous epithelia. Cytokeratin 8 is also present in the majority of adenocarcinomas and ductal carcinomas but is absent in squamous cell carcinomas.

Synonyms:

KRT8, CYK8, Cytokeratin-8, CK8, Keratin-8, K8, Cytokeratin endo A

Note:

Characterization: To ensure acceptable performance, each batch of product is tested by ELISA, Immunohistochemical staining (HT29 and HCC38 cells) and Western blotting (HT29 and HCC38 cell lysates) to conform to characteristics of a standard reference reagent.