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Product datasheet for TA399816

KRT8 Rabbit Monoclonal Antibody [Clone ID: TS1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	TS1
Applications:	ELISA, IHC, IP, WB
Reactivity:	Human
Modifications:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing BALB/c mice with purified human gastrointestinal tumor derived cytokeratin.
Specificity:	This antibody binds a discontinuous epitope on helical 2B domain of the human cytokeratin 8 between amino acid residues 340–365 (QRGELAIKDANAKLSELEAALQRAKQ). Cytokeratins are intermediate filaments found in the intracytoplasmic cytoskeleton of epithelial tissue. Together with KRT19, cytokeratin 8 helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. Cytokeratin 8 is a serological tumor marker This antibody has specific reactivity for human cytokeratin 8. The binding characterization and epitope mapping of this antibody was done using ELISA (PMID: 9486565; 9892182). This antibody was also capable of immunoprecipitating human cytokeratin 8 from a sample. This antibody can be used in the identification of cytokeratin 8 in a western blot assay. This antibody was also used in the immunohistochemical staining of frozen sections of normal human adult tissues like skin, esophagus and liver (PMID: 2479674). This antibody is capable of binding cytokeratin 8 expressed on carcinomas in vivo. This antibody was used for the radio immunolocalization of cytokeratin 8 and radioimmunotherapy (PMID: 9892182; 7493362; 9406704).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated

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Storage:	Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Database Link:	P05787
Synonyms:	CK-8; CK 8; CK8; CYK8; Cytokeratin-8; Keratin type II cytoskeletal 8; KRT8; Mab 202; TS 1; Type-II keratin Kb8