

Product datasheet for **TA346991S**

Cytokeratin 7 (KRT7) Mouse Monoclonal Antibody [Clone ID: 4G9-D8-H6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4G9-D8-H6
Applications:	IF, WB
Recommended Dilution:	WB: 1:1000, IF: 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	The immunogen for KRT7 antibody: purified recombinant human Keratin 7 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	keratin 7
Database Link:	NP_005547 Entrez Gene 3855 Human P08729

Background: The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelium lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described.



[View online »](#)

Synonyms: CK7; K2C7; K7; SCL

Protein Families: ES Cell Differentiation/IPS