

## Product datasheet for **TA346990**

### Cytokeratin 5 (KRT5) Mouse Monoclonal Antibody [Clone ID: 7H5-B5-B6-G8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	7H5-B5-B6-G8
Applications:	WB
Recommended Dilution:	WB: 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for KRT5 antibody: purified recombinant human KRT5 beta protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.03% Proclin300 and 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:	62 kDa
Gene Name:	keratin 5
Database Link:	<a href="#">NP_000415</a> <a href="#">Entrez Gene 110308 Mouse</a> <a href="#">Entrez Gene 369017 Rat</a> <a href="#">Entrez Gene 3852 Human</a> <a href="#">P13647</a>
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 basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.



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**Synonyms:** CK5; DDD; DDD1; EBS2; K5; KRT5A