

## Product datasheet for **BP5075**

### Cytokeratin 8 (KRT8) Guinea Pig Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Immunoblotting:</b> 1/3000 (ECL method). <b>Immunohistochemistry on Frozen Sections:</b> 1/50 - 1/250. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50 - 1/250 (after microwave treatment or trypsin). <b>Immunohistochemistry on Cytological Material.</b> <b>Incubation Time:</b> 1 h at RT, extended with paraffin sections. <b>Positive Control:</b> Human intestinal epithelia.
Reactivity:	Human, Mouse, Bovine, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide (C-MSIRVTQKSYKVST) of Human keratin K8 (formerly also designated cytokeratin 8), coupled to KLH.
Specificity:	Specific for Keratin K8. Marker for discrimination of simple / non-stratified epithelia from those of stratified origin. Basic Human keratin K8 (Mr 52 000) of all simple type and complex epithelia.
Formulation:	State: Serum State: Liquid Stabilized Serum Stabilizer: 0.5% BSA Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 8
Database Link:	<a href="#">Entrez Gene 3856 Human P05787</a>



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**Background:**

Cytokeratin 8 belongs to the type B (basic) subfamily of high molecular weight keratins and exists in combination with cytokeratin 18. Cytokeratin 8 is primarily found in the non squamous epithelia and is present in majority of adenocarcinomas and ductal carcinomas. It is absent in squamous cell carcinomas. Hepatocellular carcinomas are defined by the use of antibodies that recognize only cytokeratin polypeptides 8 and 18.

**Synonyms:**

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