

## Product datasheet for **AM32077PU-N**

### Cytokeratin 8 (KRT8) (+ KRT18/19) Mouse Monoclonal Antibody [Clone ID: 2A4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	2A4
Applications:	IHC, WB
Recommended Dilution:	<b>Western blotting:</b> at least 1/1000 dilution. <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin Sections:</b> This antibody is reported to work at 1/100 dilution.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Cytokeratins isolated from cultured pig kidney epithelial cells. Hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.
Specificity:	The antibody recognizes cytokeatin nos. 8, 18 and 19 typical for simple epithelial cells.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Stabilizer: 1.0% BSA Preservative: 0.09 % Sodium Azide
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:	<a href="#">Entrez Gene 3856 Human P05787</a>



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**Background:**

Cytokeratins are intermediate filament keratins found in the intracytoplasmic cytoskeleton of epithelial tissue. There are two types of Cytokeratins: the low weight, acidic type I cytokeratins and the high weight, basic or neutral type II. Cytokeratins are usually found in pairs comprising a type I Cytokeratin and a type II cytokeratin. The high molecular weight cytokeratins, which are the basic or neutral cytokeratins, comprise subtypes CK1, CK2, CK3, CK4, CK5, CK6, CK7, CK8 and CK9. The low molecular weight cytokeratins, which are the acidic cytokeratins, comprise subtypes CK10, CK12, CK 13, CK14, CK16, CK17, CK18, CK19 and CK20.

**Synonyms:**

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