

# KRT20 monoclonal antibody, clone Ks 20.8

Catalog # MAB5174

Size

## Specification

|                     |  |
|---------------------|--|
| Product Description | Mouse monoclonal antibody raised against KRT20.  |
| Immunogen           | Human KRT20.   |
| Host                | Mouse  |
| Reactivity          | Human  |
| Specificity         | This antibody is specific to the 46KDa polypeptide (cytokeratin 20). It represents an excellent marker for certain carcinomas such as adenocarcinoma of the colon, transitional cell carcinoma of the bladder and Merkel cell skin tumours. This antibody can be used in the detection of intestinal and gastric fo veolar epithelium, urothelial cells and Merkel cells of the epidermis as well as tumours of their origin ( e.g. primary and metastatic colorectal cancer). Adenocarcinomas of the breast and lung also neuroe ndocrine tumours of the lung are essentially negative. |
| Form                | Liquid   |
| Purification        | Protein A purification   |
| Concentration       | 16 ug/mL   |
| Isotype             | IgG2a  |
| Recommend Usage     | Recommend dilution at 1:20-1:50<br>The optimal working dilution should be determined by the end user.  |
| Storage Buffer      | In PBS, pH 7.4 (0.09% sodium azide, 0.5% BSA)  |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.   |

## Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

## Gene Info — KRT20

**Entrez GeneID** [54474](#)**Gene Name** KRT20**Gene Alias** CD20, CK20, K20, KRT21, MGC35423**Gene Description** keratin 20**Omim ID** [608218](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq]

**Other Designations** cytokeratin 20|keratin, type I cytoskeletal 20

## Disease

- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)