

## Cytokeratin 19 Rabbit Monoclonal Antibody

### Catalog #: EAB21314

| Host/Isotype | Clonality  | Applications          | MW (kDa) | Reactivity        |
|--------------|------------|-----------------------|----------|-------------------|
| Rabbit IgG   | Monoclonal | WB, IHC-P, IF/ICC, FC | 44       | Human, Mouse, Rat |

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|  |             |
|--|-------------|
| <b>WB</b> (Western Blotting)                           | 1:1000-5000 |
| <b>IHC-P</b> (Immunohistochemistry-Paraffin)           | 1:100-500   |
| <b>IF/ICC</b> (Immunofluorescence/Immunocytochemistry) | 1:50-200    |
| <b>FC</b> (Flow Cytometry)                             | 1:10-100    |

### Product Information

|                       |  |
|-----------------------|--|
| <b>Conjugate</b>      | Unconjugate  |
| <b>Specificity</b>    | Cytokeratin 19 Rabbit Monoclonal Antibody detects endogenous levels of Cytokeratin 19 protein.   |
| <b>Purification</b>   | Affinity purification  |
| <b>Concentration</b>  | 1mg/ml   |
| <b>Format</b>         | Liquid   |
| <b>Formulation</b>    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol   |
| <b>Shipping</b>       | Gel Pack   |
| <b>Storage</b>        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| <b>UniProt ID</b>     | <a href="#">P08727</a>   |
| <b>Entrez-Gene Id</b> | <a href="#">3880</a>   |

### Product Description

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. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.