

**CK16**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # APA070**

**Specification**

---

**CK16 - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">P08779</a> |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 51268 Da               |

**CK16 - Additional Information**

|                                                                                        |       |
|----------------------------------------------------------------------------------------|-------|
| Gene ID                                                                                | 3868  |
| Gene Name                                                                              | KRT16 |
| <b>Other Names</b>                                                                     |       |
| Keratin, type I cytoskeletal 16, Cytokeratin-16, CK-16, Keratin-16, K16, KRT16, KRT16A |       |

|             |                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Storage     | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | CK16 is for research use only and not for use in diagnostic or therapeutic procedures.                                                  |

**CK16 - Protein Information**

|                 |                                                                                                                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name            | KRT16                                                                                                                                                                                                                   |
| Synonyms        | KRT16A                                                                                                                                                                                                                  |
| Function        | Epidermis-specific type I keratin that plays a key role in skin. Acts as a regulator of innate immunity in response to skin barrier breach: required for some inflammatory checkpoint for the skin barrier maintenance. |
| Tissue Location | Expressed in the corneal epithelium (at protein level).                                                                                                                                                                 |

**CK16 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CK16 - Images**