

## Datasheet

### KRT9 monoclonal antibody, clone Ks 9.70 and Ks 9.216

**Catalog Number:** MAB5177

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against synthetic peptide of KRT9.

**Clone Name:** Ks 9.70 and Ks 9.216

**Immunogen:** A mixture of synthetic peptides corresponding to amino acids 450-477 and amino acids 4-28 of human KRT9.

**Host:** Mouse

**Reactivity:** Human

**Applications:** IHC-Fr, IHC-P, WB  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody reagent represents an excellent marker to study palmoplantar epidermal distribution and differentiation. Specifically reactive in the middle/upper suprabasal layers (stratum spinosum/granulosum) of the epidermis of palm and sole. This antibody cocktail is an excellent new tool to characterize primary cultures of keratinocytes/skin transplants for application in burn treatment.

**Form:** Liquid

**Isotype:** IgG1; IgG3

**Recommend Usage:** Immunofluorescence (1:10)  
Immunohistochemistry (1:20)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In culture supernatant (0.02% sodium azide)

**Storage Instruction:** Store at 4°C.

**Entrez GeneID:** 3857

**Gene Symbol:** KRT9

**Gene Alias:** CK-9, EPPK, K9

**Gene Summary:** This gene encodes the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this gene cause epidermolytic palmoplantar keratoderma. [provided by RefSeq]