

## Product datasheet

### anti-Plakophilin 3 mouse monoclonal, 310.9.1, supernatant

#### Short overview

<b>Cat. No.</b>	651114
<b>Quantity</b>	5 ml

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Clone</b>	310.9.1
<b>Immunogen</b>	Recombinant protein (E. coli) of human plakophilin
<b>Formulation</b>	Contains 0.09% sodium azide
<b>UniproID</b>	Q08DQ0 (Bovine), Q9Y446 (Human), Q9QY23 (Mouse)
<b>Synonym</b>	Plakophilin-3, PKP3
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Hybridoma cell culture supernatant
<b>Storage</b>	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	IHC, WB
<b>Reactivity</b>	Human, Mouse

#### Applications

<b>Immunohistochemistry (IHC) - frozen</b>	Ready-to-use
<b>Western Blot (WB)</b>	1:1,000

#### Background

Plakophilin 3 is seen in most desmosomes and partly dispersed in cytoplasm under various fixation conditions (FA, MeAc long, MeAc short): Positive tissues and culture cells: - Stratified squamous epithelia: palmar, epidermis, scalp skin - Stratified epithelia: tongue, vagina, esophagus - Transitional epithelia: bladder - Non-stratified epithelia: colon, duodenum, pancreas, several glands - Non-epithelial: reticulum cells of lymph node follicle - HaCaT - MCF7, HeLa, HAT-29, CaCo 2, Caski, BMGE, MDCK and other Negative tissues and cell lines: - Liver, heart, skeletal muscle, endothelia (vessels)- PLC, RD, SV80, HL60, Raji, Jok1, Glioma, K562, 3T3L1, A6, PtK2

#### Product images



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## References

Publication	Species	Application
<a href="#">South, A. P. et al. Lack of plakophilin 1 increases keratinocyte migration and reduces desmosome stability. J. Cell Sci. 116, 3303â€“3314 (2003).</a>	human	WB