

## Product datasheet for **BM5112**

### Plakophilin 3 (PKP3) Mouse Monoclonal Antibody [Clone ID: 310.9.1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	310.9.1
Applications:	IF, IHC, WB
Recommended Dilution:	Immunoblotting: 1:1000 ECL method. Immunofluorescence. Immunohistochemistry on frozen tissue: Ready-to-use.
Reactivity:	Bovine, Human, Mouse, Xenopus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein (E. coli) of human plakophilin 3
Specificity:	<u>Positive tissues and culture cells:</u> <ul style="list-style-type: none"><li>- stratified squamous epithelia: palmar, epidermis, scalp skin</li><li>- stratified epithelia: tongue, vagina, esophagus</li><li>- transitional epithelia: bladder</li><li>- non-stratified epithelia: colon, duodenum, pancreas, several glands</li><li>- non-epithelial: reticulum cells of lymph node follicle</li><li>- HaCaT</li><li>- MCF7, HeLa, HAT-29, CaCo 2, Caski, BMGE, MDCK and other</li></ul> <u>Negative tissues and cell lines:</u> <ul style="list-style-type: none"><li>- liver, heart, skeletal muscle, endothelia (vessels)</li><li>- PLC, RD, SV80, HL60, Raji, Jok1, Glioma, K562, 3T3L1, A6, PtK2</li></ul>
Formulation:	State: Supernatant State: Liquid culture supernatant
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	plakophilin 3



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**Database Link:** [Entrez Gene 11187 Human](#)  
[Q9Y446](#)

**Background:** Plakophilin 3 is seen in most desmosomes and partly dispersed in cytoplasm under various fixation conditions (FA, MeAc long, MeAc short):

**Synonyms:** Plakophilin-3