Mab to
Plakophilin 3

Clone Determination 310.9.1
Category Mouse monoclonal antibody
Immunoglobulin Class IgG₁
Purification/Form Hybridoma culture supernatant
Immunogen Recombinant protein (E. coli) of human plakophilin 3
Description/Specificity 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

Antigen recognized in species Human, bovine, mouse, Xenopus laevis
(tested so far)
Storage At 2 - 8°C
Application Immunoblotting (1:1000 ECL method)
Immunofluorescence and immunohistochemistry on frozen tissue:

Working Dilution Ready-to-use for immunohistochemistry
Quantity 5 ml

References

Cat. No. 651114