

anti-Desmoglein 2 mouse monoclonal, 10G11, lyophilized, purified

Cat. No.	61059
Quantity	50 µg

Product description

Host	mouse
Antibody Type	monoclonal
Isotype	IgG1
Clone	10G11
Immunogen	Recombinant peptide (220aa of 2nd and 3rd extracellular repeat domain)
Purification	protein A affinity chromatography
Conjugate	unconjugated
Formulation	lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09 % sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
Storage	short term at 2 – 8 °C; long term storage in aliquots at - 20 °C; avoid freeze/ thaw cycles
Tested species reactivity	human (negative with mouse and rat)

Applications

Tested applications	Tested dilutions
ELISA	assay dependent
Immunohistochemistry (IHC) - frozen	1:10 (For better resolution preincubation (directly after fixation) with 0.05 - 0.2% Triton X-100 for 5-10 min, depending on tissue type, is recommended (Schäfer S. et al., 1996))
Western Blot (WB)	assay dependent

Background

Antibody recognizes desmoglein 2 present in low concentrations in all epithelia and in tumors derived therefrom as well as in heart muscle and dendritic reticulum cells of lymphatic follicles.

In basal epithelial cells desmoglein 2 expression is generally very low. Polypeptide reacting: desmoglein 2 (1069aa; calculated mol. wt. 116,760)

Reactivity on cultured cell lines: Many, including CaCo-2, HaCaT, MCF-7

Reference

Publication	Species	Application
Biedermann, K. et al. Desmoglein 2 is expressed abnormally rather than mutated in familial and sporadic gastric cancer. J. Pathol. 207, 199-206 (2005).	human	IHC (paraffin)

Product Images

