



# Mab to Desmoplakin 1&2

<b>Clone Determination</b>	DPI/II 236.23.1
<b>Category</b>	Mouse monoclonal
<b>Immunoglobulin Class</b>	IgG2b
<b>Purification / Form</b>	Hybridoma culture supernatant
<b>Immunogen</b>	C-terminal polypeptide of recombinant human desmoplakin (starting at amino acid position 1980)
<b>Description/Specificity</b>	The antibody shows distinct punctate membrane staining of different epithelia. Desmosomes of the myocardium are also positive. Tumors specifically detected: Primary and metastatic carcinoma and meningioma. Polypeptides reacting: Desmoplakin 1 and 2 (Mr 250 000 and 215 000)
<b>Reactivities on Cultured Cell Lines</b> (tested so far)	Several human carcinoma cell lines: MCF-7, A-431, HaCaT, CaCo2; bovine cells: MDBK, BMGE
<b>Antigen Recognized in Species</b> (tested so far)	Human, bovine, mouse, Xenopus I.
<b>Application</b>	Immunoblotting Immunofluorescence Immunohistochemistry - Suitable for <b>frozen</b> and <b>paraffin embedded tissue</b> (when using the microwave retrieval method)
<b>Working Dilution</b>	Ready to use for immunohistochemical application
<b>Storage</b>	Store at 2-8°C; for longer storage aliquots can be kept at -20°C.
<b>Incubation Time</b>	1 h at RT
<b>Quantity</b>	5 ml; contains 0.09% NaN <sub>3</sub>

## References

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**Cat. No. 651109**