

## TECHNICAL INFORMATION

# ImmunO™

Catalog Number: 695421

**Mouse Anti-Desmoplakin 1 & 2, Monoclonal****Form:** Lyophilized powder. From PBS buffer, pH 7.4, with 0.5% BSA.**Description:** The anti-desmoplakin 1 & 2 is a mouse IgG<sub>1</sub> immunoglobulin. It is purified by affinity chromatography. The antigen is bovine desmoplakins 1 & 2.**Clone:** DP1&2-2.15**Specificity:** DP1&2 - 2.15 shows distinct punctate membrane staining of different epithelia. It reacts with the following polypeptides: Desmoplakin 1 (Mr 250,000) and Desmoplakin 2 (Mr 215,000).**Reconstitution:** Reconstitute with 1.0 ml of distilled water.**Antigen Recognized in Species:** Human, bovine, rat, mouse and chicken**Reactivities on Cultured Cell Lines (tested so far):**

- Several human Carcinoma cell lines: MCF-7, A-431, rat MH1C1 cell line
- Bovine Cells: MDBK, BMGE

**Tumors Specifically Detected:** Primary and metastatic Carcinoma and Meningioma.**Applications:** Immunohistochemistry, suitable for frozen tissue, immunoblotting (Western) and immunofluorescence.**Working Dilution:** When reconstituted with 1ml distilled water dilute 1:10 with PBS (pH 7.4) for immunohistochemical application.**References:**

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**Note:** This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

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