

TECHNICAL DATA SHEET**Catalog # MSA05****Porin monoclonal antibody**

Rev.0

LOT #:**COMPONENTS:** 100 µg monoclonal antibody**APPLICATIONS:** Immunocytochemistry (heat-induced antigen-retrieval improves signal)**CLONE ID OF MONOCLONAL ANTIBODY (mAb):** 89-173/033**SPECIES CROSS-REACTIVITY:** human**HOST SPECIES AND ISOTYPE:** Mouse IgG2b, k**IMMUNOGEN:** Porin 31HL from EBV-transformed human B lymphocytes**CONCENTRATION:** 1 mg/mL in 50 mM Tris-HCl, pH 7.0, 50 mM NaOAc, 500 mM NaCl and 0.09% azide as a preservative.**SUGGESTED WORKING CONCENTRATION:** 0.5-1.0 µg/mL for Immunocytochemistry**mAb PURITY:** >90% by FPLC/HPLC**STORAGE CONDITIONS:** Store at -20°C**COUNTRY OF ORIGIN:** USA**BACKGROUND:**

The channel-forming protein porin (also called the voltage dependent anion channel, VDAC) is involved in both aerobic metabolism and apoptotic processes. Porin is localized in the outer membrane of mitochondria where it forms the primary pathway of metabolites across the membrane. Porin can also serve as a binding site for enzymes or other regulatory molecules.

Note: This product is for research purposes only. It is not to be used in humans or for diagnostic purposes.

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