

**Antibody to Notch3 (7G7-B10-H7)**  
MOUSE MONOCLONAL

**Catalog Number:** AB-V04  
**Quantity:** 100 micrograms  
**Format:** PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative.  
**Host:** Mouse  
**Clone:** 7G7-B10-H7  
**Immunogen:** Human notch3 (partial, amino acids 807-884)

**Background:** Notch3 is a transmembrane protein belonging to the Notch superfamily, characterized by multiple extracellular EGF-like repeats and conserved Notch domains. The Notch signaling pathway is a highly conserved mechanism of cell-to-cell communication that governs a range of developmental processes, including lateral inhibition during embryogenesis. Notch3 has drawn attention as a potential therapeutic target, as it is overexpressed in several cancers and may contribute to tumor progression.

**Specificity & Preparation:** Mouse IgG monoclonal antibodies generated against human notch3 (partial, amino acids 807-884).

**Usage:** Applications include western blot. Working dilutions must be determined by end user.

**Storage:** Store antibody at -20°C for one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.

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