



## CD10 Mouse Monoclonal Antibody(5B8)

Catalog TDY097C TDY097F

Tel: 010-82908854

Quantity 50 $\mu$ L 100 $\mu$ L

Free: 400-0620-621

Web: www.tdybio.com

*For research use only.*

Applications	Species	Cross-Reactivity	Molecular Weight	Isotype
IHC		H, R, M	N/A	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C**. **Do not aliquot the antibody.**

**Recommended dilutions:** IHC: 1:200

**Optimal dilutions should be determined by the end user.**

**Specificity:** CD10 Mouse Monoclonal Antibody detects endogenous CD10 proteins.

**Background:** CD10 is a zinc-dependent metalloprotease enzyme that degrades a number of small secreted peptides, most notably the amyloid beta peptide whose abnormal misfolding and aggregation in neural tissue has been implicated as a cause of Alzheimer's disease. Synthesized as a membrane-bound protein, the neprilysin ectodomain is released into the extracellular domain after it has been transported from the Golgi apparatus to the cell surface. In neurons, neprilysin is regulated by the protein nicastrin, a component of the gamma secretase complex that performs a necessary step in processing amyloid precursor protein to amyloid beta.