

## eNOS Mouse Monoclonal Antibody(Mix-mA)

Catalog	TDY223C	TDY223F
Quantity	50 $\mu$ L	100 $\mu$ L

Tel: 010-82908854  
Free: 400-0620-621  
Web: www.tdybio.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M	~130KD	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.**

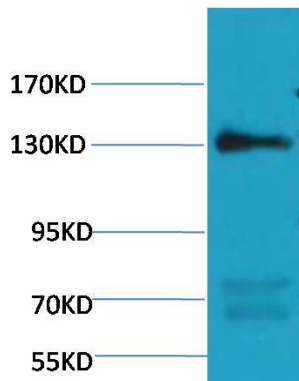
**Recommended dilutions:** WB: 1:500-2,000 IHC:1:200-500

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

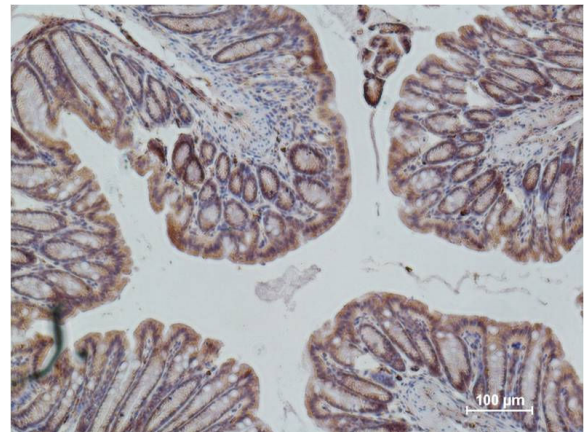
**Specificity:** The eNOS antibody can detects endogenous eNOS protein.

**Alternative Names:** endothelial nitric oxidase synthase antibody, NOS 3 antibody, NOS III antibody, EC-NOS antibody

**Background:** Nitric oxide synthases (EC 1.14.13.39) (NOSs) are a family of enzymes catalyzing the production of nitric oxide (NO) from L-arginine. NO is an important cellular signaling molecule. Endothelial NOS (eNOS), also known as nitric oxide synthase 3 (NOS3), generates NO in blood vessels and is involved with regulating vascular function.



Western blot analysis of Rat Heart Tissue with eNOS (Mix-mA<sup>TM</sup>) Mouse mAb TDY223 diluted at 1:1,000.



Immunohistochemical analysis of paraffin-embedded Mouse Colon Tissue using eNOS (TDY223) Mouse mAb diluted at 1:500.