

eNOS Mouse Monoclonal Antibody(Mix-mA)**Catalog No.: RA10013****Basic Information****Information**

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	130KD

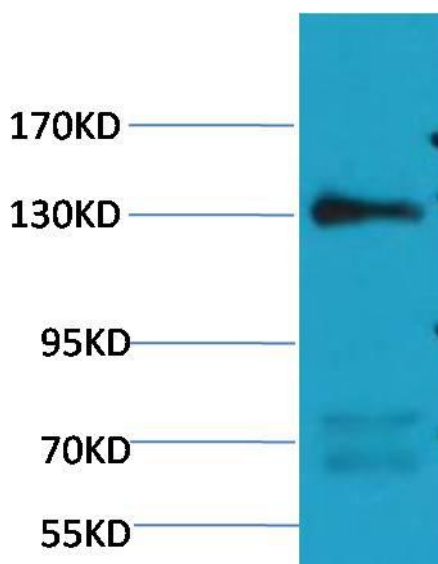
Applications**Recommended Dilution**

WB	1:500-2,000
IHC	1:200-500

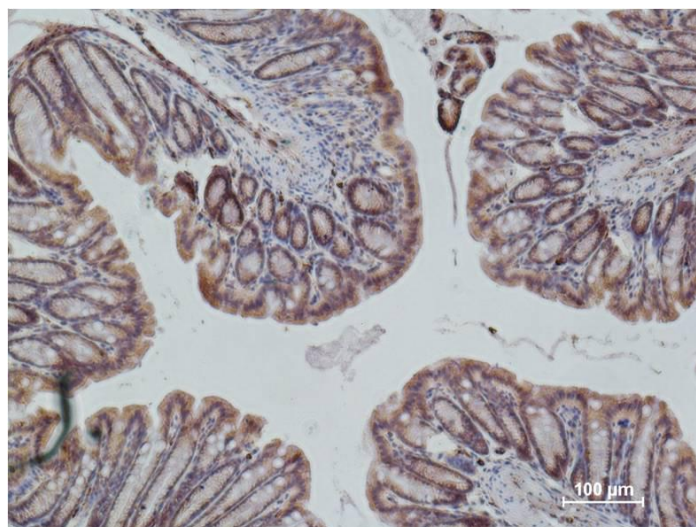
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of Rat Heart Tissue with eNOS (Mix-mATM) Mouse mAb diluted at 1:1,000.



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

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.