



ELK Biotechnology

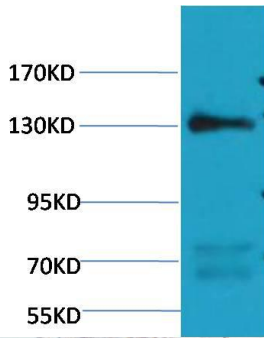
eNOS Mouse mAb

Catalog NO.: EM1165

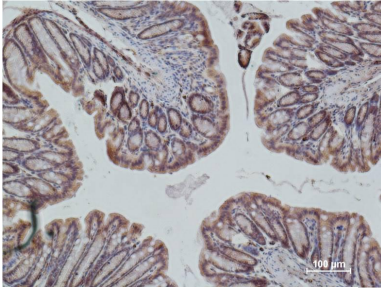
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Overview

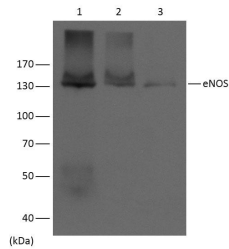
Product name	eNOS Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	WesternBlot:1/500-2000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	130kDa
GenelD (Human)	4846
Human Swiss-Prot No.	P29474
Cellular localization	Cell membrane Cytoplasm Cytoskeleton Golgi apparatus Membrane
Alternative Names	endothelial nitric oxidase synthase antibody NOS 3 antibody NOS III antibody EC-NOS antibody
Background	Nitric oxide synthases (EC.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™) Mouse mAb EM1165 diluted at:1000.



Immunohistochemical analysis of paraffin-embedded Mouse Colon Tissue using eNOS (EM1165) Mouse mAb diluted at:500.



Western blot analysis of extracts from Mouse Liver (Lane 1) Rat Liver (Lane 2) Rat Brain (Lane 3) using eNOS diluted at 1:1000.