

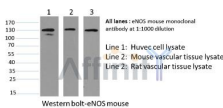
## eNOS Ab

Cat.#: BF0705  
 Size: 100ul,50ul

Concn.: 1mg/ml  
 Source: Mouse

Mol.Wt.: 140kDa  
 Clonality: Monoclonal

- Application:** WB: 1:500~1:2000 IHC 1:50~1:200
- Reactivity:** Human,Mouse,Rat
- Purification:** Protein G purification.
- Specificity:** eNOS Ab detects endogenous levels of total eNOS.
- Immunogen:** A synthesized peptide derived from human eNOS.
- Uniprot:** P29474
- Description:** eNOS endothelial constitutive nitric oxide synthase. Synthesizes nitric oxide (NO) from arginine and oxygen, which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets. Induced in humans by caloric restriction. Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.
- Subcellular Location:** Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus. Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle and which is favored by interaction with NOSIP and results in a reduced enzymatic activity.
- Tissue Specificity:** Platelets, placenta, liver and kidney.
- Similarity:** Belongs to the NOS family.
- Storage Condition and Buffer:** Supplied in 10 mM PBS (pH 7.4), 0.1mg/ml BSA , 50% glycerol and 1% ProClin™ 300.



Western blot analysis of eNOS mouse monoclonal Ab expression in HuvEc, Mouse vascular and Rat vascular cell/tissue lysates.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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