VEGF Monoclonal Antibody

CAB17877

Description

This VEGF Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB17877
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	VPF, VEGF, MVCD1, VEGFA
Clone:	AMC0005
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Mouse, Rat

Antibody Data

Gene ID:	7422
Uniprot:	AB_2861741
Host Species:	Mouse
Purification:	Affinity purification
Observed MW:	45kDa
Calculated MW:	27kDa

Preparation & Storage

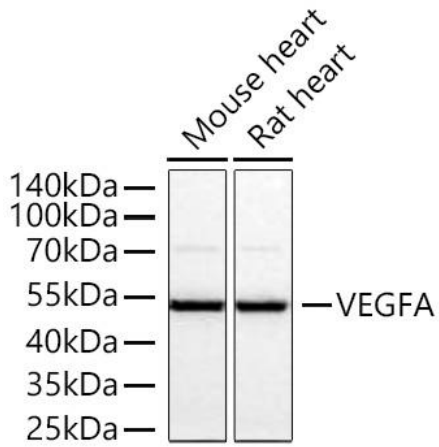
Storage:	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	Mouse heart, Rat heart

Recommended Dilutions:

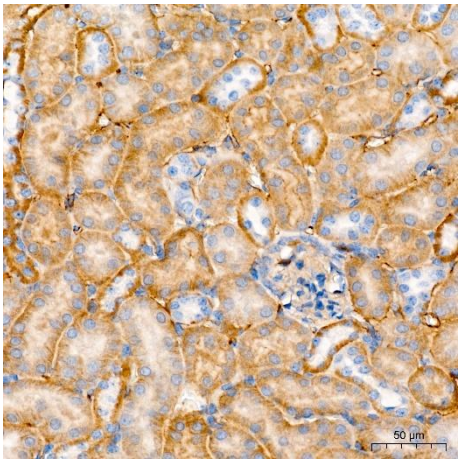
WB	1:1000 - 1:2000
IHC-P	1:1000-1:4000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data



Western blot analysis of various lysates using VEGFA Mouse mAb (CAB17877) at 1:1000 dilution incubated overnight at 4℃. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20s.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using VEGFA Mouse mAb (CAB17877) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.