Datasheet for ABIN2735205

# anti-VEGF antibody (AA 27-233)

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## Overview

| | |
|---|---|
| Quantity: | 0.1 mL |
| Target: | VEGF |
| Binding Specificity: | AA 27-233 |
| Reactivity: | Human, Dog |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

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|---|---|
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 27-233 of human VEGFA (NP_003367) produced in E.coli. |
| Clone: | 4G3 |
| Isotype: | IgG2b |
| Purification: | Purified from mouse ascites fluids by affinity chromatography |

## Target Details

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|---|---|
| Target: | VEGF |
| Alternative Name: | VEGF (VEGF Products) |
| Molecular Weight: | 23.8 kDa |
| Gene ID: | 7422 |

## Target Details

| | |
|---|---|
| NCBI Accession: | NM_001025366 |
| HGNC: | 7422 |

## Application Details

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|---|---|
| Application Notes: | WB 1:2500~5000, IHC: 1:50-1:150, |
| Comment: | The concentration of the product may vary between diferrent lots. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 0.5-1.0 mg/mL |
| Buffer: | PBS ( pH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

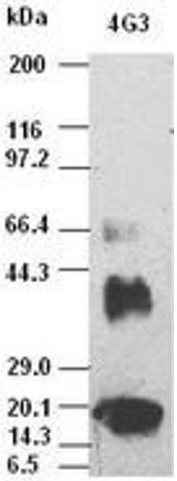
## Publications

Product cited in:

Chen, Tang, Feng, Li, Xiang, He, Ren, Peng, Xiang: "ADAMTS9 is Silenced by Epigenetic Disruption in Colorectal Cancer and Inhibits Cell Growth and Metastasis by Regulating Akt/p53 Signaling." in: **Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology**, Vol. 44, Issue 4, pp. 1370-1380, (2018) ( PubMed).

Shao, Feng, Zhang, Yu, Li, Tan, Xu, Ying, Li, Yang, Peng, Tang, Li, Ren, Tao, Xiang: "The 3p14.2 tumour suppressor ADAMTS9 is inactivated by promoter CpG methylation and inhibits tumour cell growth in breast cancer." in: **Journal of cellular and molecular medicine**, Vol. 22, Issue 2, pp. 1257-1271, (2018) (PubMed).

## Images




### Western Blotting

**Image 1.** VEGF antibody (4G3) at 1:5000 dilution + Recombinant human VEGF165