

## Flotillin-2 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP03275
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Flotillin-2
Mol wt	151527
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p
Concentration	1 mg/ml
Full name	Flotillin-2 Antibody
Synonyms	Flotillin-2 (Epidermal surface antigen) (ESA) (Membrane component chromosome 17 surface marker 1)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. KDR encodes one of the two receptors of the VEGF.Kinase insert domain receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc. Mutations of KDR are implicated in infantile capillary hemangiomas.

### Recommended Dilution

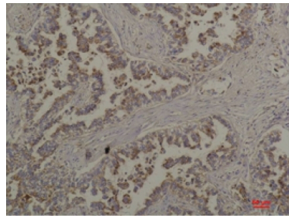
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

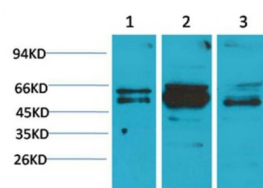
ELISA: 1: 40000

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma using Flotillin-2 Rabbit pAb diluted at 1:200



Western blot analysis of 1) A431, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with Flotillin-2 Rabbit pAb diluted at 1:2,000.

## Storage

-20°C for one year

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