

Datasheet for ABIN2854869

**anti-VEGFD antibody**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	VEGFD (Figf)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human VEGFD. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Cow, Human
Characteristics:	Rabbit Polyclonal antibody to VEGFD (c-fos induced growth factor (vascular endothelial growth factor D)) VEGFD antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	VEGFD (Figf)
Alternative Name:	vascular endothelial growth factor D ( <a href="#">Figf Products</a> )

## Target Details

**Background:** The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor C.

Cellular Localization: Secreted

**Molecular Weight:** 40 kDa

**Gene ID:** 2277

**UniProt:** [O43915](#)

**Pathways:** [RTK Signaling](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: 293T , Raji

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

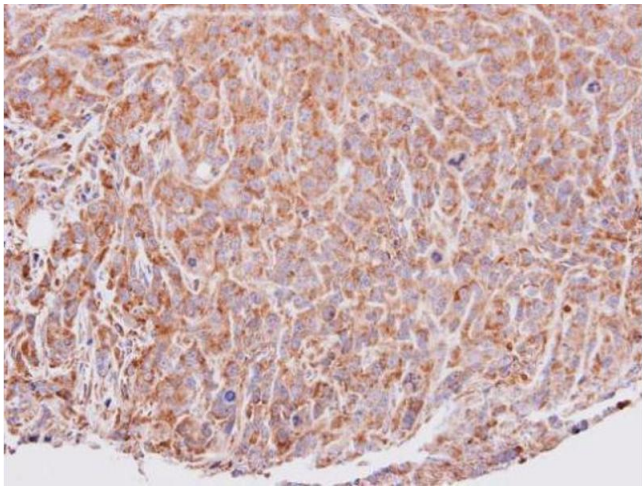
**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

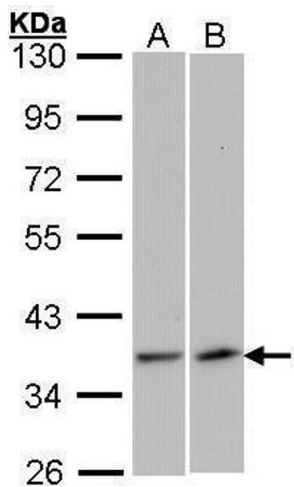
Product cited in: Ochiai, Hayashi, Umeda, Yoshimura, Harada, Shimizu, Nakano, Saitoh, Liu, Yamamoto, Okamura, Ohkawa, Kimura, Nikaido: "Genome-wide kinetic properties of transcriptional bursting in mouse embryonic stem cells." in: **Science advances**, Vol. 6, Issue 25, pp. eaaz6699, (2020) ([PubMed](#)).

Images



Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded SAS xenograft, using VEGFD, antibody at 1:100 dilution.



Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: 293T B: Raji 10% SDS PAGE antibody diluted at 1:1000