

Datasheet for ABIN387818

anti-FLT4 antibody[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	FLT4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FLT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Purified His-tagged VGFR3 protein(Fragment) was used to produced this monoclonal antibody.
Clone:	44CT92-4-4
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	FLT4
Alternative Name:	VGFR3 (FLT4 Products)
Background:	<p>This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA.</p>

Target Details

Molecular Weight:	152757
Gene ID:	2324
NCBI Accession:	NP_002011 , NP_891555
UniProt:	P35916
Pathways:	RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGF Signaling

Application Details

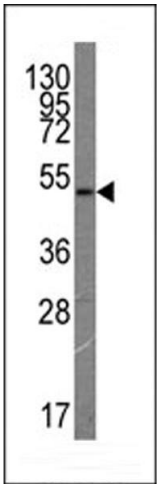
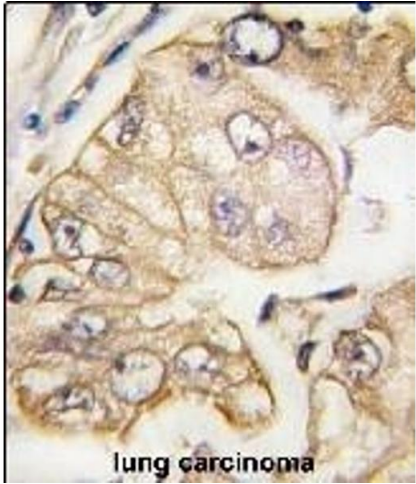
Application Notes:	WB: 1:2000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	<p>Wu, Li, Fang, Yi, Chen, Long, Gao, Wei, Chen: "Investigation of synergistic mechanism and identification of interaction site of aldose reductase with the combination of gigantol and syringic acid for prevention of diabetic cataract." in: BMC complementary and alternative medicine, Vol. 16, Issue 1, pp. 286, (2017) (PubMed).</p> <p>Guo, Wang, Liu, Myatt, Sun: "Induction of PGF2? synthesis by cortisol through GR dependent induction of CBR1 in human amnion fibroblasts." in: Endocrinology, Vol. 155, Issue 8, pp. 3017-24, (2014) (PubMed).</p>
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with VGFR3 Monoclonal Antibody (ABIN387818 and ABIN2843906) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-VGFR3 Monoclonal Antibody (ABIN387818 and ABIN2843906) by VGFR3 recombinant protein(Fragment 50KD). VGFR3 protein (arrow) was detected using the purified Mab.