Datasheet for ABIN1724742

anti-RUNX3 antibody (AA 186-252)

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Overview

Quantity:	0.1 mg
Target:	RUNX3
Binding Specificity:	AA 186-252
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RUNX3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human RUNX3 (AA:186-252) expressed in E. coli.
Clone:	2B3
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	RUNX3
Alternative Name:	RUNX3 (RUNX3 Products)
Background:	Description: This gene encodes a member of the runt domain-containing family of transcription

Target Details

	factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. Aliases: AML2, CBFA3, PEBP2aC, FLJ34510, MGC16070
Molecular Weight:	44.4 kDa
Gene ID:	864
HGNC:	864

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

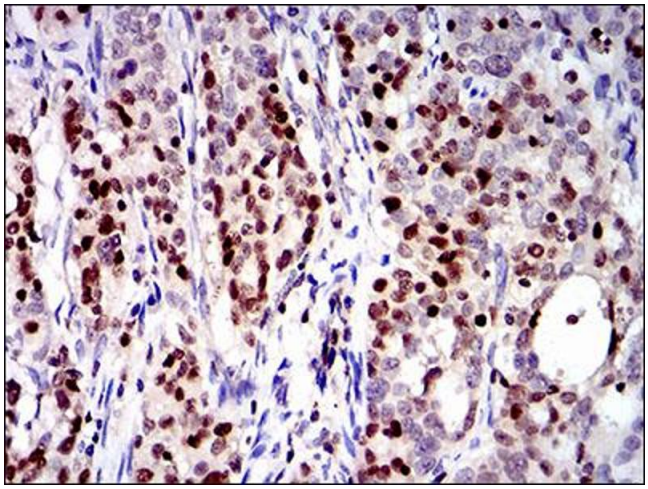
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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:	4°C, -20°C for long term storage

Publications

Product cited in:	Zaha, Young: "AMP-activated protein kinase regulation and biological actions in the heart." in: **Circulation research**, Vol. 111, Issue 6, pp. 800-14, (2012) (PubMed). Oliveira, Zhang, Solis, Isackson, Bellahcene, Yavari, Pinter, Davies, Ge, Ashrafian, Walker, Carling, Watkins, Casadei, Redwood: "AMP-activated protein kinase phosphorylates cardiac troponin I and alters contractility of murine ventricular myocytes." in: **Circulation research**, Vol. 110, Issue 9, pp. 1192-201, (2012) (PubMed).

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using RUNX3 mouse mAb with DAB staining.

