

Datasheet for ABIN7427546  
**anti-GDF3 antibody (AA 251-364)**

## 5 Images

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## Overview

Quantity:	100 µL
Target:	GDF3
Binding Specificity:	AA 251-364
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GDF3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Growth Differentiation Factor 3 (GDF3)
Immunogen:	Recombinant Growth Differentiation Factor 3 (GDF3) corresponding to Ala251~Gly364 (Accession # Q9NR23)
Clone:	A7
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against GDF3. It has been selected for its ability to recognize GDF3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

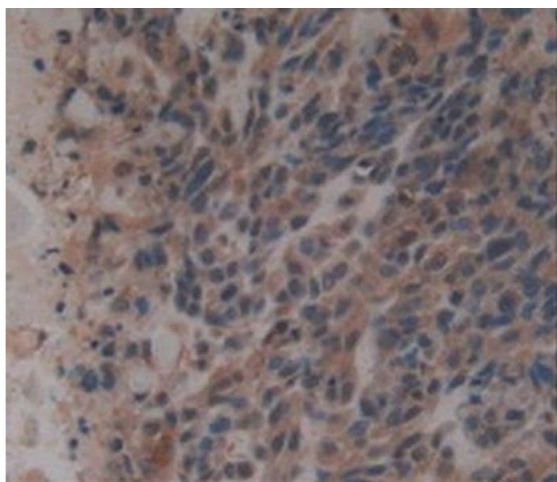
Target:	GDF3
Alternative Name:	Growth Differentiation Factor 3 ( <a href="#">GDF3 Products</a> )
Background:	Vgr2, Vg-Related Gene 2

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

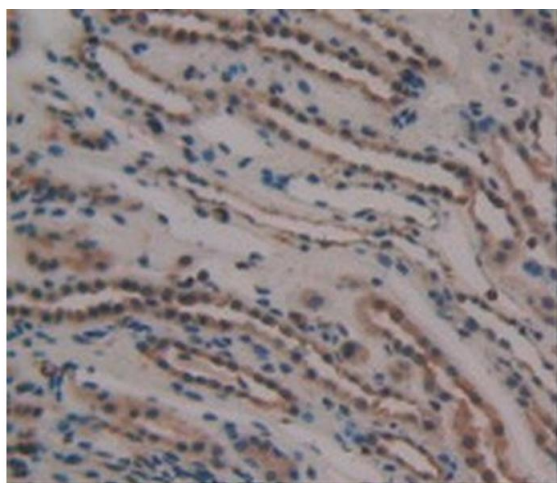
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



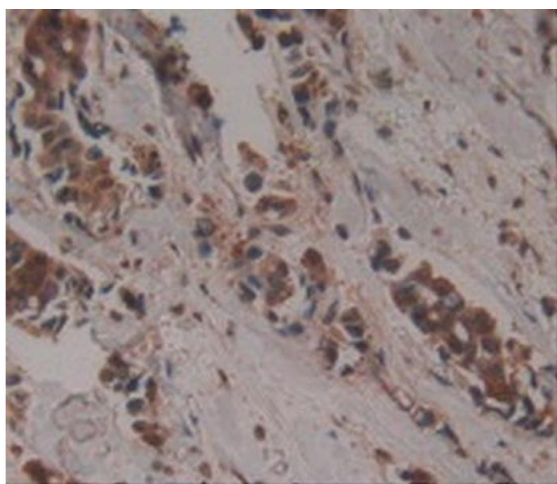
#### Immunohistochemistry

**Image 1.** Detection of GDF3 in Human Lung Cancer Tissue using Monoclonal Antibody to Growth Differentiation Factor 3 (GDF3)



#### Immunohistochemistry

**Image 2.** Detection of GDF3 in Human Kidney Tissue using Monoclonal Antibody to Growth Differentiation Factor 3 (GDF3)



#### Immunohistochemistry

**Image 3.** Detection of GDF3 in Human Breast Cancer Tissue using Monoclonal Antibody to Growth Differentiation Factor 3 (GDF3)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7427546.