

Datasheet for ABIN7427549
anti-GDF11 antibody (AA 138-386)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	GDF11
Binding Specificity:	AA 138-386
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GDF11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Growth Differentiation Factor 11 (GDF11)
Immunogen:	Recombinant Growth Differentiation Factor 11 (GDF11) corresponding to Thr138~Asn386 with N-terminal His Tag
Clone:	C4
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against GDF11. It has been selected for its ability to recognize GDF11 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

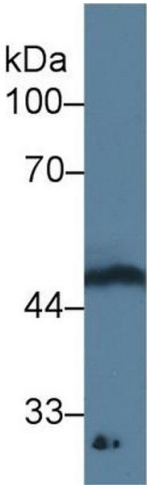
Target:	GDF11
Alternative Name:	Growth Differentiation Factor 11 (GDF11 Products)
Background:	BMP11, Bone morphogenetic protein 11

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

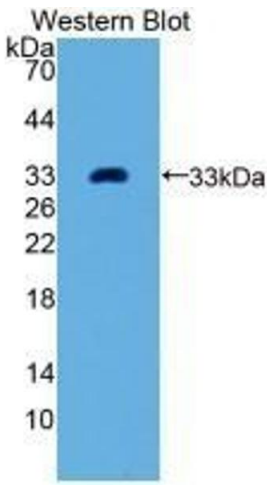
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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



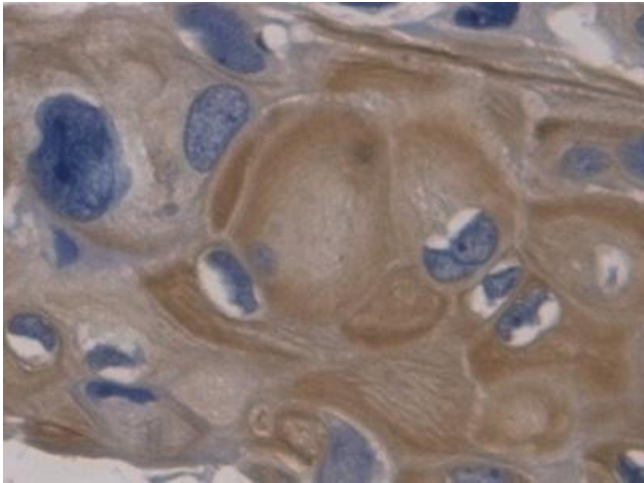
Western Blotting

Image 1. Detection of GDF11 in Rat Spinal cord lysate using Monoclonal Antibody to Growth Differentiation Factor 11 (GDF11)



Western Blotting

Image 2. Detection of Recombinant GDF11, Human using Monoclonal Antibody to Growth Differentiation Factor 11 (GDF11)



Immunohistochemistry

Image 3. Detection of GDF11 in Human Colorectal cancer Tissue using Monoclonal Antibody to Growth Differentiation Factor 11 (GDF11)