

Datasheet for ABIN5542372

**anti-Prokineticin Receptor 2 antibody (AA 121-136)****3** Images[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	Prokineticin Receptor 2 (PROKR2)
Binding Specificity:	AA 121-136
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Prokineticin Receptor 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Synthesized peptide fragment of human HH3 (AA: 121-136) expressed in E. coli.
Clone:	6D3B9
Isotype:	IgG1

## Target Details

Target:	Prokineticin Receptor 2 (PROKR2)
Alternative Name:	HH3 ( <a href="#">PROKR2 Products</a> )
Background:	Description: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four

## Target Details

core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails, instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated, this record represents the centromeric copy., Aliases: HIST2H3A,H3/n, H3/o

Molecular Weight: 15.4 kDa

Gene ID: 333932

HGNC: 333932

Pathways: [Hedgehog Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

Format: Liquid

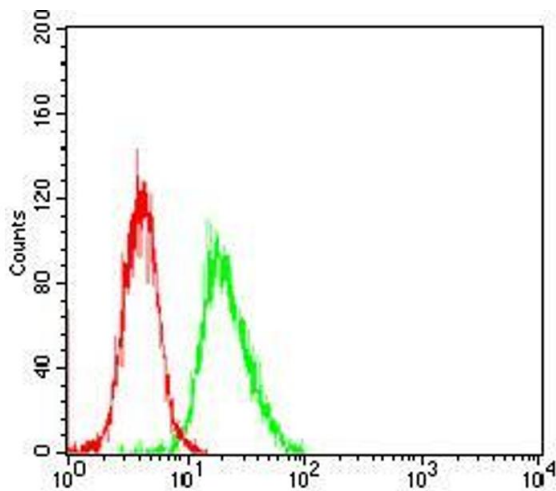
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

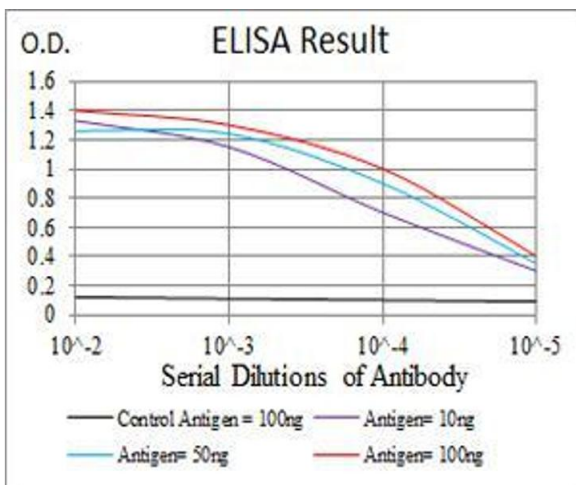
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



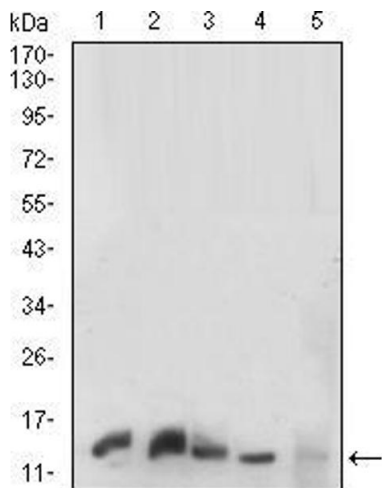
### Flow Cytometry

**Image 1.** Flow cytometric analysis of NIH/3T3 cells using HH3 mouse mAb (green) and negative control (red).



### ELISA

**Image 2.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



### Western Blotting

**Image 3.** Western blot analysis using HH3 mouse mAb against K562 (1), C6(2), HEK293(3), PC-12(4) and NIH/3T3(5) cell lysate.