

Datasheet for ABIN6988857  
**anti-Prominin 2 antibody (AA 301-400) (PE)**



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## Overview

Quantity:	100 µL
Target:	Prominin 2 (PROM2)
Binding Specificity:	AA 301-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prominin 2 antibody is conjugated to PE
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Prominin 2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Pig
Purification:	Purified by Protein A.

## Target Details

Target:	Prominin 2 (PROM2)
Alternative Name:	Prominin 2 ( <a href="#">PROM2 Products</a> )
Background:	Synonyms: PROML2, Prominin-2, PROM-2, Prominin-like protein 2, hPROML2, PROM2,

## Target Details

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UNQ2521/PRO6014

Background: Prominin 2 is a 112 kDa glycoprotein structurally related to Prominin 1 (CD133) although amino acid similarity is not more than 30 %, but their genomic organization is strikingly similar. Like Prominin 1, the prominin 2 exhibit similar membrane topology with 5 trans-membrane domains and two large glycosylated extracellular domains. Similar to Prominin1 localization, the Prominin 2 is also associated with membrane protrusions of the epithelial cells from adult kidney, and all along the digestive track and other epithelial tissues. Prominin 2 expression is down-regulated in aggressive prostate cancer cell lines and transient transfection of PROML2 expression vectors has been shown to induce apoptosis in cultured prostate cancer cells, suggesting a tumor suppressive role for Prominin 2. Prominin 2 expression is likely to be involved in growth suppression in the prostate, and down-regulation of Prominin 2 may disrupt normal prostatic homeostasis and lead to uncontrolled prostatic growth.

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Gene ID: 150696

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UniProt: [Q8N271](#)

## Application Details

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Application Notes: FCM 1:20-100

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months