

## KCNMB1 antibody

**Cat. No. GTX23587**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Dog

**Package**  
100 µg

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	2.0 µg/ml
ICC/IF	1:100-1:200
IHC	Assay dependent

Not tested in other applications.

**Calculated MW** 22 kDa. ([Note](#))

**Product Note**

This antibody detects large conductance, calcium-activated potassium channel beta (Maxi K+ Beta). The molecular weight detected varies due to glycosylation, multimerization and binding to actin.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.1% BSA
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic Peptide: L(90) Y H T E D T R D Q N Q Q C(103)
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated



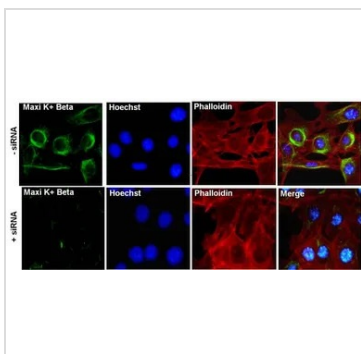
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTX23587 ICC/IF Image**

ICC/IF analysis of MOVAS cells transfected with (+) and without (-) Maxi K+ Beta (KCNMB1) siRNA using GTX23587 KCNMB1 antibody.

Green : Primary antibody

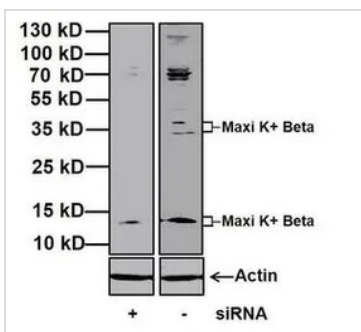
Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton X-100 in PBS for 10 minutes

Dilution : 1:100 in staining buffer for 1 hour at room temperature

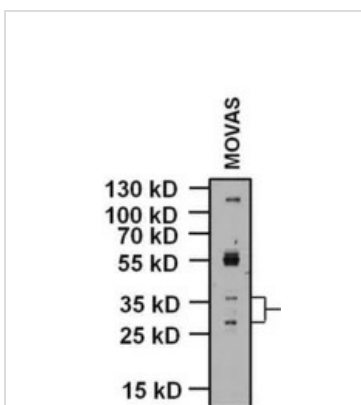


**GTX23587 WB Image**

WB analysis of MOVAS whole cell lysates with and without Maxi K+ Beta (KCNMB1) siRNA using GTX23587 KCNMB1 antibody.

Dilution : 1 µg/ml

Loading : 20 µg



**GTX23587 WB Image**

WB analysis of 20 µg of Movas whole cell lysates using GTX23587 KCNMB1 antibody.

Dilution : 1 µg/ml



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