

**Product Name: beta Defensin 1 Rabbit Monoclonal Antibody****Catalog #: AMRe84409**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000
<b>Molecular Weight</b>	7 kDa

**Antigen Information**

<b>Gene Name</b>	beta Defensin 1
<b>Alternative Names</b>	BD1; beta 1; DEFB1; DEFB101; Defensin; Defensin beta 1; HBD1;;beta Defensin 1
<b>Gene ID</b>	
<b>SwissProt ID</b>	P60022
<b>Immunogen</b>	A synthesized peptide derived from human beta Defensin 1

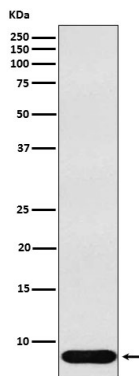
**Background**

Has bactericidal activity. May act as a ligand for C-C chemokine receptor CCR6. Positively regulates the sperm motility and bactericidal activity in a CCR6-dependent manner. Binds to CCR6 and triggers Ca<sup>2+</sup> mobilization in the sperm which is

important for its motility.

## Research Area

## Image Data



Western blot analysis of beta Defensin 1 expression in Human recombinant beta Defensin 1 lysate.