



DEF6 Monoclonal Antibody

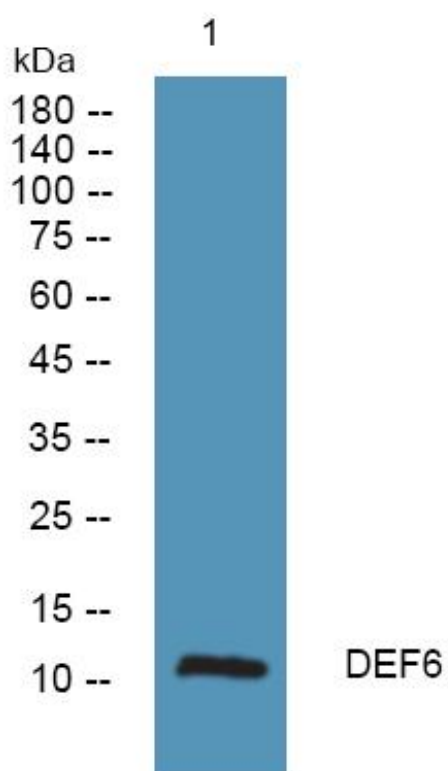
Catalog No	YP-mAb-07357
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	DEFA6 DEF6
Protein Name	Defensin-6 (Defensin, alpha 6)
Immunogen	Synthesized peptide derived from human protein . at AA range: 51-100
Specificity	DEF6 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	11kD
Cell Pathway	Secreted . Cytoplasmic vesicle, secretory vesicle . Stored as propeptide in secretory granules of small intestinal Paneth cells and found in the ileum lumen as mature peptide. .
Tissue Specificity	Expressed in Paneth cells of the small intestine (at protein level).
Function	function:Has very low antimicrobial activity against Gram-negative and Gram-positive bacteria. May protect cells against infection with HIV-1.,similarity:Belongs to the alpha-defensin family.,subunit:Homodimer.,tissue specificity:Paneth cells of the small intestine.,
Background	defensin alpha 6(DEFA6) Homo sapiens Defensins are a family of antimicrobial and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 6, is highly expressed in the secretory granules of Paneth cells of the small intestine, and likely plays a role in host defense of human bowel. [provided by RefSeq, Oct 2014],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using DEF6 Monoclonal Antibody