

DEFA1 monoclonal antibody (M03), clone 1B20

Catalog # H00001667-M03

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant DEFA1.
Immunogen	DEFA1 (AAH27917, 1 a.a. ~ 94 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRTLAILAAILLVALQAQAEPLQARADEVAAAPEQIAADIPEVVVSLAWDESLAPKHPGSRKSMD CYCRIPACIAGERRYGTCTYQGRLWAFCC
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — DEFA1

Entrez GeneID	1667
GeneBank Accession#	BC027917
Protein Accession#	AAH27917
Gene Name	DEFA1

Gene Alias	DEF1, DEFA2, HNP-1, HP-1, MGC138393, MRS
Gene Description	defensin, alpha 1
Omim ID	125220
Gene Ontology	Hyperlink
Gene Summary	<p>Defensins are a family of microbicidal 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 1, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. It differs from defensin, alpha 3 by only one amino acid. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000196017 defensin, alpha 1, myeloid-related sequence defensin, alpha 2 myeloid-related sequence

Disease

- [Genetic Predisposition to Disease](#)
- [Sepsis](#)