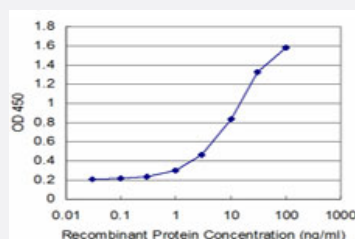


BSND monoclonal antibody (M01), clone 1E8

Catalog # H00007809-M01

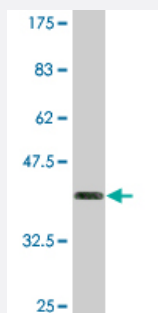
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BSND is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant BSND.
Immunogen	BSND (NP_476517.1, 221 a.a. ~ 320 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ACSPQQEPQGCRCPLDRFQDFALIDAPLTLEDEPQEGQQWEIALPNNWQRYPRTKVEEKEASDT GGEEPEKEEEDLYYGLPDGAGDLLPDKELGFEPDTQG
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (60); Rat (61)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BSND is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — BSND

Entrez GeneID	7809
GeneBank Accession#	NM_057176
Protein Accession#	NP_476517.1
Gene Name	BSND
Gene Alias	BART, MGC119283, MGC119284, MGC119285
Gene Description	Bartter syndrome, infantile, with sensorineural deafness (Barttin)
Omim ID	602522 606412
Gene Ontology	Hyperlink

Gene Summary

This gene encodes an essential beta subunit for CLC chloride channels. These heteromeric channels localize to basolateral membranes of renal tubules and of potassium-secreting epithelia of the inner ear. Mutations in this gene have been associated with Bartter syndrome with sensorineural deafness. [provided by RefSeq]

Other Designations

OTTHUMP00000009804|barttin

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hypertension](#)