

Datasheet

AMELX monoclonal antibody (M03A), clone 3B5

X-linked amelogenesis imperfecta. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Catalog Number: H00000265-M03A

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant AMELX.

Clone Name: 3B5

Immunogen: AMELX (NP_001133, 93 a.a. ~ 191 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

PVIPQQPMMPVPGQHSMTPIQHHQPNLPPPAQQPYQ
PQPVPQPHQPMQPPVHPMQPLPPQPPLPPMFP
MQPLPPMLPDLTLEAWPSTDKTKREEVD

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In ascites fluid

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 265

Gene Symbol: AMELX

Gene Alias: AIH1, ALGN, AMG, AMGL, AMGX

Gene Summary: This gene encodes a member of the amelogenin family of extracellular matrix proteins. Amelogenins are involved in biomineralization during tooth enamel development. Mutations in this gene cause