



Mouse anti-Human AMELX monoclonal antibody, clone 7H4 (CABT-B9754)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	AMELX (NP_001133, 93 a.a. ~ 192 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	7H4
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	PVIPQQPMMPVPGQHSMTPIQHHQPNLPPPAQQPYQPQPVPQPHQPMQPPVHPMQPLPPQPPLPPMFPMQPLPPMLPDLTLEAWPSTDKTKREEVD*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the amelogenin family of extracellular matrix proteins. Amelogenins are involved in biomineralization during tooth enamel development. Mutations in
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this gene cause X-linked amelogenesis imperfecta. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Keywords

AMELX; amelogenin, X-linked; AMG; AI1E; AIH1; ALGN; AMGL; AMGX; amelogenin, X isoform; amelogenesis imperfecta 1; amelogenin (amelogenesis imperfecta 1, X-linked); amelogenin (X chromosome, amelogenesis imperfecta 1);

GENE INFORMATION

Entrez Gene ID

[265](#)

UniProt ID

[Q99217](#)

Function

cell surface binding; growth factor activity; hydroxyapatite binding; identical protein binding; protein binding; structural constituent of tooth enamel; structural constituent of tooth enamel
