



Mouse anti-Human EXO1 monoclonal antibody, clone 2I7 (CABT-B10214)

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

PRODUCT INFORMATION

Immunogen	EXO1 (AAH07491, 747 a.a. ~ 846 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2I7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	ADSLSTTKIKPLGPARASGLSKKPASIQRKHHNAENKPGLQIKLNLWKNFGFKKDSEK LPPCKKPLSPVRDNIQLTPEAEEDIFNKPECGRVQRAIFQ
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 protein with 5' to 3' exonuclease activity as well as an RNase H activity. It is similar to the <i>Saccharomyces cerevisiae</i> protein Exo1 which interacts with Msh2 and which is
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involved in mismatch repair and recombination. Alternative splicing of this gene results in three transcript variants encoding two different isoforms. [provided by RefSeq, Jul 2008]

Keywords	EXO1; exonuclease 1; HEX1; hExoI; hExo1; rad2 nuclease family member, homolog of S. cerevisiae exonuclease 1;
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GENE INFORMATION

Entrez Gene ID	9156
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UniProt ID	Q9UQ84
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Pathway	Mismatch repair, organism-specific biosystem; Mismatch repair, conserved biosystem
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Function	5"-3" exodeoxyribonuclease activity; 5"-3" exonuclease activity; DNA binding; double-stranded DNA specific 5"-3" exodeoxyribonuclease activity; endonuclease activity; exonuclease activity; exonuclease activity; flap endonuclease activity; metal ion binding; protein binding; ribonuclease H activity; single-stranded DNA specific 5"-3" exodeoxyribonuclease activity; structure-specific DNA binding
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