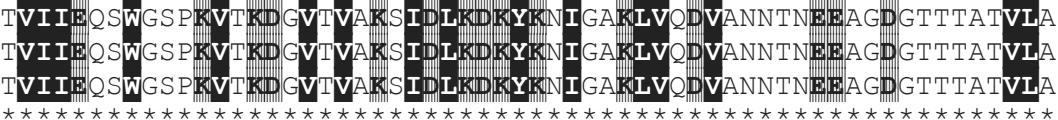
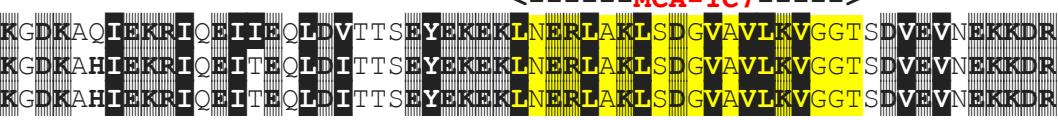
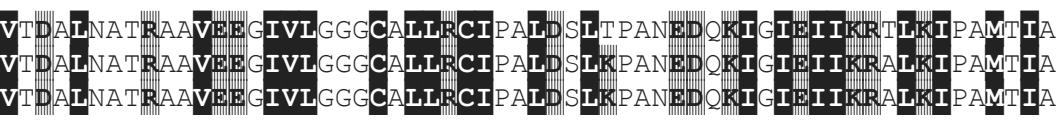


Heat shock 60 protein (HSP60) sequence alignment and location of epitope for EnCor **MCA-1C7** antibody

Human		60
Mouse		60
Rat		60
Human		120
Mouse		120
Rat		120
Human		180
Mouse		180
Rat		180
Human		240
Mouse		240
Rat		240
Human		300
Mouse		300
Rat		300
Human		360
Mouse		360
Rat		360
Human	<----- MCA-1C7 ----->	
Human		420
Mouse		420
Rat		420
Human		480
Mouse		480
Rat		480
Human		540
Mouse		540
Rat		540
Human	T A E V V V T E I P K E E K D P G M G A M G G M G G G M G G G M F	573
Mouse	T A E A V V T E I P K E E K D P G M G A M G G M G G G M G G G M F	573
Rat	T A E A V V T E I P K E E K D P G M G A M G G M G G G M G G G M F	573

Sequence alignment of human, mouse and rat HSP60 molecules. The rat and mouse sequences are identical and differ from human in only 12 positions out of 573, about 2%. The peptide LNERLAKLSDGVAVLKVG, amino acids 390-409, contains the MCA-1C7 sequence and is invariant in all known vertebrate HSP60 sequences. As a result this antibody will be an excellent western blotting standard and mitochondrial marker in utility in studies of a variety of species.