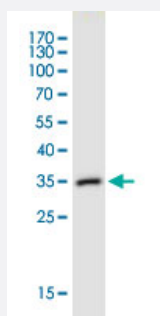


CA2 monoclonal antibody (M05), clone 5F7

Catalog # H00000760-M05

Size 100 ug

Applications



Western Blot detection against Immunogen (33.33 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CA2.
Immunogen	CA2 (NP_000058.1, 191 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	WTYPGSLTTPPLLECVTWVLKEPISVSSEQVLKFRKLNFNNGEGEPEELMVDNWRPAQPLKNRQIKASFK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (90)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.33 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](#)

- ELISA

Gene Info — CA2

Entrez GeneID	760
GeneBank Accession#	NM_000067.1
Protein Accession#	NP_000058.1
Gene Name	CA2
Gene Alias	CA-II, CAII, Car2
Gene Description	carbonic anhydrase II
Omim ID	259730 611492
Gene Ontology	Hyperlink
Gene Summary	CA2 is one of several (at least 7) isozymes of carbonic anhydrase. Carbonic anhydrase catalyzes reversible hydration of carbon dioxide. Defects in this enzyme are associated with osteopetrosis and renal tubular acidosis. [provided by RefSeq]
Other Designations	carbonate dehydratase II carbonic anhydrase B carbonic dehydratase

Pathway

- [Nitrogen metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)

- [Osteoporosis](#)