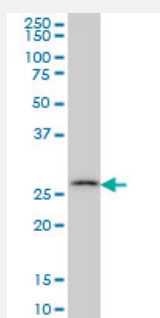


CA7 monoclonal antibody (M06), clone 3B7

Catalog # H00000766-M06

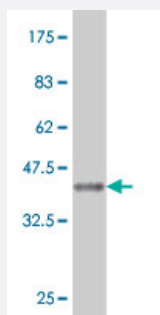
Size 100 ug

Applications



Western Blot (Cell lysate)

CA7 monoclonal antibody (M06), clone 3B7 Western Blot analysis of CA7 expression in HeLa S3 NE (Cat # L013V3).



Western Blot detection against Immunogen (36.12 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CA7.
Immunogen	CA7 (NP_005173, 34 a.a. ~ 125 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NISSQAVYSPSLQPLELSYEACMSLSITNNGHSVQVDFNDSDDRTVVTGGPLEGPYRLKQFHFH WGKKHDVGSEHTVDGKSFPSELHLVH*
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (95); Rat (96)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.12 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 (Cell lysate)

CA7 monoclonal antibody (M06), clone 3B7 Western Blot analysis of CA7 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CA7

Entrez GeneID	766
GeneBank Accession#	NM_005182
Protein Accession#	NP_005173
Gene Name	CA7
Gene Alias	CAVII
Gene Description	carbonic anhydrase VII
Omim ID	114770
Gene Ontology	Hyperlink

Gene Summary

Carbonic anhydrases are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. The cytosolic protein encoded by this gene is predominantly expressed in the salivary glands. Alternative splicing in the coding region results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

carbonic dehydratase

Pathway

- [Nitrogen metabolism](#)