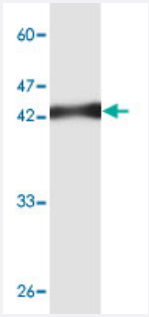
CP monoclonal antibody, clone 2

Catalog # MAB8782 Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis in CP recombinant protein with CP monoclonal antibody, clone 6cv4 (Cat # MAB8782) at 1 : 1000 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CP.
Immunogen	Recombinant protein corresponding to amino acids 933-1065 of human CP.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes recombinant protein CP.
Form	Liquid
Purification	Affinity purification
Concentration	1 ug/uL
Isotype	IgG2a
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In citrate-Tris-HCl, pH 7.0 (0.02% Proclin 300)

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Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

  Western blot analysis in CP recombinant protein with CP monoclonal antibody, clone 6cv4 (Cat # MAB8782) at 1 : 1000 dilution.

Gene Info — CP

Entrez GeneID	1356
Protein Accession#	NM_000096.3
Gene Name	CP
Gene Alias	CP-2
Gene Description	ceruloplasmin (ferroxidase)
Omim ID	117700 604290
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a metalloprotein that binds most of the copper in plasma and is involved in the peroxidation of Fe(II)transferrin to Fe(III) transferrin. Mutations in this gene cause aceruloplasminemia, which results in iron accumulation and tissue damage, and is associated wit h diabetes and neurologic abnormalities. [provided by RefSeq
Other Designations	ceruloplasmin|ferroxidase

Pathway

- Porphyrin and chlorophyll metabolism

Disease

- Abortion

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- Alzheimer disease
- Amyotrophic lateral sclerosis
- Anoxia
- Cognition
- Genetic Predisposition to Disease
- Parkinson disease

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