

Mouse anti-Human, Mouse CBR / CBR1 Monoclonal Antibody | anti-CBR antibody

Mouse Monoclonal [clone AT4E12] (IgG2a,k) to Human CBR / CBR1

CATALOG # AAA51908	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

CBR / CBR1; Monoclonal Antibody; Mouse Monoclonal [clone AT4E12] (IgG2a; k) to Human CBR / CBR1; Anti-CBR / CBR1 Antibody (clone AT4E12) IHC-plus; CBR1; Carbonyl reductase 1; Carbonyl reductase (NADPH) 1; HCBR1; Prostaglandin 9-ketoreductase; SDR21C1; Carbonyl reductase [NADPH] 1; CBR; CRN; Prostaglandin-E(2) 9-reductase; Human CBR; anti-CBR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	AT4E12
Specificity	Human CBR1
Purity/Purification	Protein G Purified
Form/Format	PBS, pH 7.4, 0.1% sodium azide. Sourced in Ascites.
Concentration	1 mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-CBR antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein
Immunogen Type	Recombinant protein
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

Cell lysates (40 ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CBR1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



IHC (Immunohistochemistry)

Anti-CBR1 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502599
NCBI GeneID	873
NCBI Accession #	NP_001748.1
NCBI GenBank Nucleotide #	NM_001757.3
UniProt Accession #	P16152; Q3LHW8; B2RBZ7; B4DFK7
NCBI Official Full Name	carbonyl reductase
NCBI Official Synonym Full Names	carbonyl reductase 1
NCBI Official Symbol	CBR1
NCBI Official Synonym Symbols	CBR; hCBR1; SDR21C1
NCBI Protein Information	carbonyl reductase [NADPH] 1; carbonyl reductase [NADPH] 1; carbonyl reductase (NADPH) 1; prostaglandin 9-ketoreductase; prostaglandin-E(2) 9-reductase; NADPH-dependent carbonyl reductase 1; 15-hydroxyprostaglandin dehydrogenase; short chain dehydrogenase/reductase family 21C, member 1
UniProt Protein Name	Carbonyl reductase [NADPH] 1
UniProt Gene Name	CBR1
UniProt Synonym Gene Names	CBR; CRN
UniProt Entry Name	CBR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cbr-cbr1-antibody-clone-at4e12-western-blot-immunohistochemistry-elisa/51908>