CBR1 Monoclonal Antibody

Product Code	CSB-MA106885
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	Purified recombinant Human CBR1 protein fragments expressed in E.coli
Raised In	Mouse
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of CBR1,and does not cross-react with related proteins.
Tested Applications	ELISA,WB,ICC;Recommended dilution:WB:1:500-1:5000,ICC:1:50-1:200
Relevance	NADPH-dependent reductase with broad substrate specificity.Catalyzes the reduction of a wide variety of carbonyl compounds including quinones,prostaglandins, menadione,plus various xenobiotics.Catalyzes the reduction of the antitumor anthracyclines doxorubicin and daunorubicin to the cardiotoxic compounds doxorubicinol and daunorubicinol. Can convert prostaglandin E2 to prostaglandin F2-alpha.Can bind glutathione,which explains its higher affinity for glutathione-conjugated substrates.Catalyzes the reduction of S-nitrosoglutathione.
Form	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.2% sodium azide,50% glycerol.
Purification Method	Affinity purified
Isotype	IgG1
Clonality	Monoclonal
Alias	15 hydroxyprostaglandin dehydrogenase [NADP+]; 15-hydroxyprostaglandin dehydrogenase [NADP+]; Carbonyl reductase [NADPH] 1; Carbonyl Reductase 1; CBR 1; CBR1; CBR1_HUMAN; CRN; NADPH dependent carbonyl reductase 1; NADPH-dependent carbonyl reductase 1;
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	1E10
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.