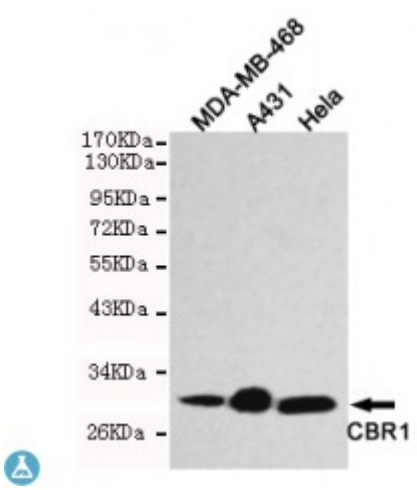
Anti-CBR1 antibody



Description	Mouse monoclonal to CBR1.

Model	STJ99164
Host	Mouse
Reactivity	Human
Applications	ELISA, WB
Immunogen	Purified recombinant human CBR1 protein fragments expressed in E.coli
Gene ID	873
Gene Symbol	CBR1
Dilution range	WB 1:500-2000ELISA 1:10000-20000
Specificity	This antibody detects endogenous levels of CBR1 and does not cross-react with related proteins.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clone ID	2C9-B12-C4
Note	For Research Use Only (RUO).
Protein Name	Carbonyl reductase NADPH 1 15-hydroxyprostaglandin dehydrogenase NADP + NADPH-dependent carbonyl reductase 1 Prostaglandin 9-ketoreductase Prostaglandin-E 2 9-reductase Short chain dehydrogenase/reduct
Molecular Weight	30kDa

Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1548OMIM:114830
Alternative Names	Carbonyl reductase NADPH 1 15-hydroxyprostaglandin dehydrogenase NADP + NADPH-dependent carbonyl reductase 1 Prostaglandin 9-ketoreductase Prostaglandin-E 2 9-reductase Short chain dehydrogenase/reduct
Function	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.
Cellular Localization	Cytoplasm.