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**Product Name: CBR1 Mouse Monoclonal Antibody****Catalog #: AMM00970**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 30 kDa; Observed MW: 30 kDa

**Antigen Information**

<b>Gene Name</b>	CBR1 15 hydroxyprostaglandin dehydrogenase [NADP <sup>+</sup> ]; 15-hydroxyprostaglandin dehydrogenase [NADP <sup>+</sup> ]; Carbonyl reductase [NADPH] 1; CBR 1; CBR1; CBR1_HUMAN; CRN;
<b>Alternative Names</b>	NADPH dependent carbonyl reductase 1; NADPH-dependent carbonyl reductase 1; Prostaglandin 9 ketoreductase; Prostaglandin 9-ketoreductase; Prostaglandin E(2) 9 reductase; Prostaglandin-E(2) 9-reductase; SDR21C1.
<b>Gene ID</b>	873
<b>SwissProt ID</b>	P16152
<b>Immunogen</b>	

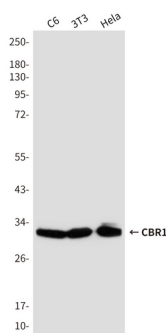
## Background

NADPH-dependent reductase with broad substrate specificity. Catalyzes the reduction of a wide variety of carbonyl compounds including quinones, prostaglandins, menadione, plus various xenobiotics.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of CBR1 in C6, 3T3 and HeLa lysates using CBR1 antibody.