



# CBR1

## Mouse monoclonal Antibody

### #53530

**Catalog Number:** 53530

**Amount:** 100µg/100µl

**Swiss-Prot No. :** P16152

**Gene name:** cbr1

**Gene id:** 873

**Clone Number:** 2C9-B12-C4

**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

**Storage/Stability:** Store at -20°C/1 year

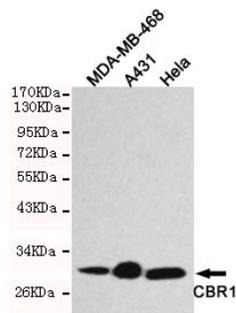
**Immunogen:** Purified recombinant human CBR1 protein fragments expressed in E.coli

**Purification:** affinity-chromatography

**Specificity/Sensitivity:** This antibody detects endogenous levels of CBR1 and does not cross-react with Akt2 and related proteins

**Reactivity:** Human

**Applications:** Predicted MW: 30kd WB: 1:1000 ICC:1:100



Western blot detection of CBR1 in HeLa, A431 and MDA-MB-468 cell lysates using CBR1 mouse mAb (1:1000 diluted). Predicted band size: 30KDa, Observed band size: 30KDa.

### Background:

Carbonyl reductase is one of several monomeric, NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds. This enzyme is widely distributed in human tissues. Another carbonyl reductase gene, CRB3, lies close to this gene on chromosome 21q.