



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CBR1 monoclonal antibody (M01), clone 4G11-1C7

Catalog # : H00000873-M01

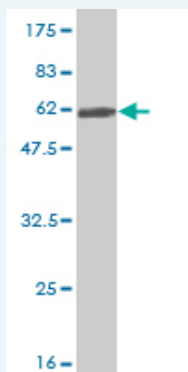
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant CBR1.
Immunogen:	CBR1 (AAH02511.1, 1 a.a. ~ 277 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSSGIHVALVTGGNKGIGLAIVRDLRDLFSGDVLTARDVTRGQAAVQQ LQAEGLSPRFHQLDIDDLQSIRALRDFLRKEYGGDLVNNAGIAFKVAD PTPFHIQAEVTMKTNFFGTRDVCPELLPLIKPQGRVVNVSSIMSVRALKS CSPELQQKFRSETITEELVGLMKNKFVEDTKKGVHQKEGWPSAYGVT KIGVTVLSRIHARKLSEQRKGDKILLNACCPGWVRTDMAGPKATKSPEEG AETPVYLALLPPDAEGPHGQFVSEKRVEQW
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (56.21 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Publication Reference

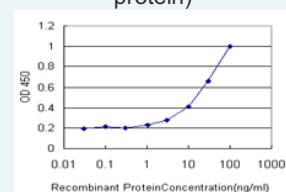
- [Two non-synonymous single nucleotide polymorphisms of human carbonyl reductase 1 demonstrate reduced in vitro metabolism of daunorubicin and doxorubicin.](#)
Bains OS, Karkling MJ, Grigliatti TA, Reid RE, Riggs KW. Drug Metab Dispos. 2009 May;37(5):1107-14. Epub 2009 Feb 9.


Applications

Application Image

Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



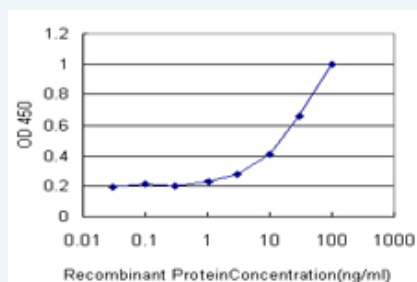
 [enlarge](#)

ELISA

Western Blot (Recombinant protein)

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged CBR1 is approximately 1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [873](#)

GeneBank [BC002511](#)

Accession#:

Protein [AAH02511.1](#)

Accession#:

Gene Name: CBR1

Gene Alias: CBR,SDR21C1,hCBR1

Gene carbonyl reductase 1

Description:

Omim ID: [114830](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: carbonyl reductase (NADPH) 1,prostaglandin 9-ketoreductase,prostaglandin-E(2) 9-reductase,short chain dehydrogenase/reductase family 21C, member 1

Gene Pathway

[Arachidonic acid metabolism](#) [Metabolic pathways](#)

Related Disease

[Breast cancer](#) [Breast Neoplasms](#) [Genetic Predisposition to Disease](#) [Lung Neoplasms](#) [Pulmonary Disease](#), [Chronic Obstructive](#) [Urinary Bladder Neoplasms](#) [Werner syndrome](#)