

Recombinant

DGRmAb®

AKR1C1/AKR1C2 (DGR15183) Rabbit mAb (PBS Only)

db15119-PBS

Package : 100µg

Product Name : AKR1C1/AKR1C2 (DGR15183) Rabbit mAb (PBS Only)**Cat.No.:** db15119-PBS**Synonyms** : C9; DD1; DDH; DDH1; H-37; HBAB; MBAB; HAKRC; DD1/DD2; 2-ALPHA-HSD; 20-ALPHA-HSD**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the reaction of progesterone to the inactive form 20-alpha-hydroxy-progesterone. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human AKR1C1/AKR1C2

Gene ID

1645

Swiss Prot

Q04828

Synonyms

C9; DD1; DDH; DDH1; H-37; HBAB; MBAB; HAKRC; DD1/DD2; 2-ALPHA-HSD; 20-ALPHA-HSD

Reactivity

Human

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:200-1:500

FC: 1:10-1:100

IP: 1:10-1:100

Calculated MW

37 kDa

Observed MW

37 kDa

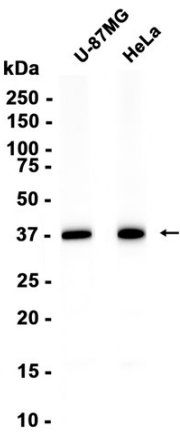
Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR15183
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from U-87MG, HeLa cells using [db15119](#)