

AKR1C1 monoclonal antibody

Catalog: MB23472

Host: Mouse

Reactivity: Human, 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]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

36.8kDa

Swiss-Prot:

Q04828

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500-1/1000 IHC:1/200-1/400 FC:1/200 - 1/400

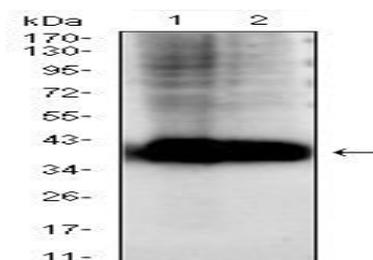
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

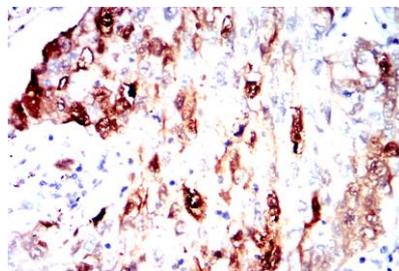
Isotype:

Mouse IgG1

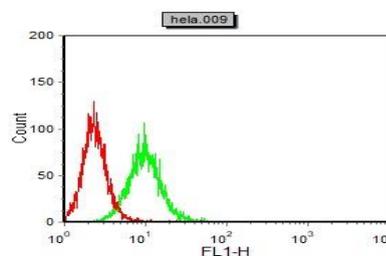
DATA:



Western blot analysis using AKR1C1 mouse mAb against HeLa(1),HepG2(2)cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using AKR1C1 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using AKR1C1 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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