

APO-D / Apolipoprotein-D / GCDFP-24

Rabbit Polyclonal Antibody

Cat. #RB-10261-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200µg/ml) (Purified Ab with BSA and Azide)

Cat. #RB-10261-PCL (Positive Control for Western Blot)

Description: Apolipoprotein-D (APO-D, GCDFP-24), a progesterone binding glycoprotein is a constituent of high density lipoprotein in plasma, and was first isolated in large quantity as GCDFP-24, the major protein component of most human breast cyst fluids. Apolipoprotein D is a member of the alpha (2 mu)-microglobulin superfamily of carrier proteins also known as lipocalins. APO-D is localized to steroid-response tissues such as adrenal cortex, endometrium, ovary, pituitary, and prostate. APO-D immunoreactivity has been shown to be an early indicator of prostate cancer and advanced primary prostate tumors.

Mol. Wt. Of Antigen: 24kDa

Species Reactivity: Human. Others not tested.

Immunogen: Recombinant full length human APO-D protein.

Applications and Suggested Dilutions:

- Western Blotting (Ab 2-4µg/ml for 2hrs at RT)
The optimal dilution for a specific application should be determined by the investigator.

Positive Control: T47D cells

Supplied As:

200µg/ml of antibody affinity purified from rabbit serum. Prepared in 10mM PBS, pH 7.6, with 0.2% BSA and 15mM sodium azide.

Storage and Stability: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months.

Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. NeoMarkers is not

liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

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