

Recombinant

DGRmAb®

**alpha 2 Macroglobulin (DGR34720) Rabbit mAb**

db12430

Package : 10µL 20µL 50µL 100µL

**Product Name** : alpha 2 Macroglobulin (DGR34720) Rabbit mAb**Cat.No.:** db12430**Synonyms** : A2MD; CPAMD5; FWP007; S863-7**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is a protease inhibitor and cytokine transporter. It uses a bait-and-trap mechanism to inhibit a broad spectrum of proteases, including trypsin, thrombin and collagenase. It can also inhibit inflammatory cytokines, and it thus disrupts inflammatory cascades. Mutations in this gene are a cause of alpha-2-macroglobulin deficiency. This gene is implicated in Alzheimer's disease (AD) due to its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid deposits. A related pseudogene, which is also located on the p arm of chromosome 12, has been identified. [provided by RefSeq, Nov 2016]

**Immunogen**

A synthetic peptide of human alpha 2 Macroglobulin

**Gene ID**

2

**Swiss Prot**

P01023

**Synonyms**

A2MD; CPAMD5; FWP007; S863-7

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:1000-1:5000

**Calculated MW**

163 kDa

**Observed MW**

163 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR34720

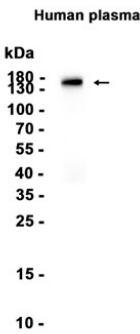
**Isotype**

IgG

**Purity**

Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Human plasma tissue using db12430 at 1:1000.