

Recombinant

DGRmAb®

## DEPDC5 (DGR34000) Rabbit mAb

db11303

Package : 10µL 20µL 50µL 100µL

**Product Name :** DEPDC5 (DGR34000) Rabbit mAb**Cat.No.:** db11303**Synonyms :** DEP.5; FFEVF; FPEVF; FFEVF1**Application :** WB**Reactivity :** Human,Mouse**Host species :** Rabbit**Background**

This gene encodes a member of the IML1 family of proteins involved in G-protein signaling pathways. The mechanistic target of rapamycin complex 1 (mTORC1) pathway regulates cell growth by sensing the availability of nutrients. The protein encoded by this gene is a component of the GATOR1 (GAP activity toward Rags) complex which inhibits the amino acid-sensing branch of the mTORC1 pathway. Mutations in this gene are associated with autosomal dominant familial focal epilepsy with variable foci. A single nucleotide polymorphism in an intron of this gene has been associated with an increased risk of hepatocellular carcinoma in individuals with chronic hepatitis C virus infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

**Immunogen**

A synthetic peptide of human DEPDC5

**Gene ID**

9681, 277854

**Swiss Prot**

O75140, P61460

**Synonyms**

DEP.5; FFEVF; FPEVF; FFEVF1

**Reactivity**

Human,Mouse

**Application**

WB

**Recommended dilution**

WB: 1:1000

**Calculated MW**

181 kDa

**Observed MW**

181 kDa

**Host species**

Rabbit

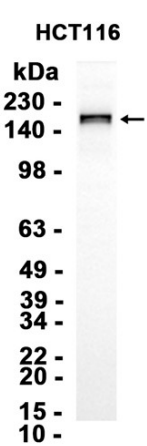
**Clonality**

Monoclonal

**Clonality No.**

DGR34000

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 HCT116 cells using db11303 at 1:1000.