



Recombinant



## SEP15 (DGR14870) Rabbit mAb

db14882 Package : 10μL 20μL 50μL 100μL

Product Name: SEP15 (DGR14870) Rabbit mAb

Cat.No.: db14882

Synonyms: Sep15; 9430015P09Rik

Application: WB

Reactivity: Human, Mouse, Rat

Host species: Rabbit

**Background**The protein encoded by this gene belongs to the SEP15/selenoprotein M family. The exact function

of this protein is not known; however, it has been found to associate with UDP-glucose:glycoprotein glucosyltransferase (UGTR), an endoplasmic reticulum(ER)-resident protein, which is involved in the quality control of protein folding. The association with UGTR retains this protein in the ER, where it may play a role in protein folding. Knockout studies in mice also suggest a role for this gene in cataract formation and colon carcinogenesis. This protein is a selenoprotein, containing the rare amino acid selenocysteine (Sec). Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designated the Sec insertion sequence (SECIS) element, that is necessary for the recognition of UGA as a Sec codon, rather than as a stop signal. [provided by RefSeq, Nov 2016]

**Immunogen** A synthetic peptide of mouse SEP15

**Gene ID** 93684

Swiss Prot Q9ERR7

Synonyms Sep15; 9430015P09Rik

**Reactivity** Human, Mouse, Rat

**Application** WB

Recommended dilution WB: 1:1000-1:5000

Calculated MW 18 kDa

**Observed MW** 18 kDa

Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR14870





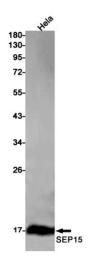
**Isotype** IgG

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 detection of 44089 in Hela cell lysates using SEP15 antibody(1:1000 diluted).