

## Datasheet

### APCS monoclonal antibody (M07), clone 4E8

**Catalog Number:** H00000325-M07

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant APCS.

**Clone Name:** 4E8

**Immunogen:** APCS (NP\_001630, 117 a.a. ~ 223 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

WESSSGIAEFWINGTPLVKKGLRQGYFVEAQPKIVLG  
QEQDSYGGKFDRSQSFVGEIGDLYMWDSVLPPENILS  
AYQGTPLPANILDWQALNYEIRGYVIKPLVWV

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, S-ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2b Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 325

**Gene Symbol:** APCS

**Gene Alias:** MGC88159, PTX2, SAP

**Gene Summary:** The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable

sequence homology which is thought to be the result of gene duplication. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo. [provided by RefSeq]