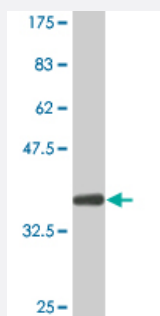


# PCGF2 monoclonal antibody (M07A), clone 4E5

Catalog # H00007703-M07A

Size 200 uL

## Applications



Western Blot detection against Immunogen (32.23 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant PCGF2.
<b>Immunogen</b>	PCGF2 (AAH04858.1, 236 a.a. ~ 294 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	LTLATVPTPSEGTNTSGASECESVSDKAPSPATLPATSSSLPSPATPSHGSPSSHGPPA
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (98); Rat (98)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.23 KDa) .
<b>Storage Buffer</b>	In ascites fluid
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — PCGF2

Entrez GeneID [7703](#)

GeneBank Accession# [BC004858](#)

Protein Accession# [AAH04858.1](#)

Gene Name PCGF2

Gene Alias MEL-18, MGC10545, RNF110, ZNF144

Gene Description polycomb group ring finger 2

Omim ID [600346](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene contains a RING finger motif and is similar to the polycomb group (PcG) gene products. PcG gene products form complexes via protein-protein interaction and maintain the transcription repression of genes involved in embryogenesis, cell cycles, and tumorigenesis. This protein was shown to act as a negative regulator of transcription and has tumor suppressor activity. The expression of this gene was detected in various tumor cells, but is limited in neural organs in normal tissues. Knockout studies in mice suggested that this protein may negatively regulate the expression of different cytokines, chemokines, and chemokine receptors, and thus plays an important role in lymphocyte differentiation and migration, as well as in immune responses. [provided by RefSeq]

**Other Designations** ring finger protein 110|zinc finger protein 144

## Disease

- [Bone Neoplasms](#)
- [Disease Progression](#)

- [Kidney Failure](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)