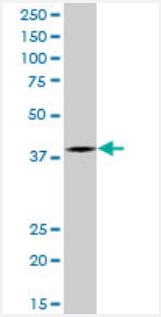
PCGF2 monoclonal antibody (M05), clone 2D6

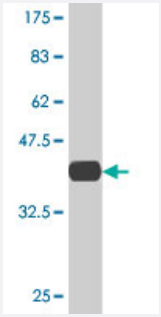
Catalog # H00007703-M05 Size 100 ug

Applications



Western Blot (Tissue lysate)

PCGF2 monoclonal antibody (M05), clone 2D6. Western Blot analysis of PCGF2 expression in human placenta.



Western Blot detection against Immunogen (32.23 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PCGF2.
Immunogen	PCGF2 (AAH04858.1, 236 a.a. ~ 294 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LTLATVPTPSEGTNTSGASECESVSDKAPSPATLPATSSSLPSPATPSHGSPSSHGPPA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.23 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  PCGF2 monoclonal antibody (M05), clone 2D6. Western Blot analysis of PCGF2 expression in human placenta.

  Protocol Download

- 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