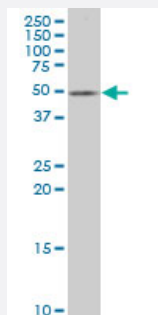


# FCMD polyclonal antibody (A01)

Catalog # H00002218-A01

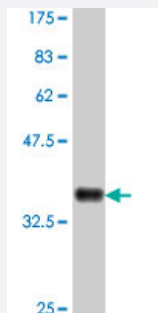
Size 50 uL

## Applications



### Western Blot (Tissue lysate)

FCMD polyclonal antibody (A01), Lot # 051102JC01. Western Blot analysis of FCMD expression in human ovarian cancer.



Western Blot detection against Immunogen (38.21 KDa) .

## Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant FCMD.
Immunogen	FCMD (NP_006722, 29 a.a. ~ 138 a.a) partial recombinant protein with GST tag.
Sequence	KHYLSTKNGAGLSKSKGSRIGFDSTQWRAVKKFIMLTSNQNVFVLIDPLILELINKNFEQVKNTSH GSTSQCKFFCVPRDFTAFALQYHLWKNEEGWFRIFAENMGFQCL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (38.21 KDa) .

**Storage Buffer**

50 % glycerol

**Storage Instruction**

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

## Applications

- Western Blot (Tissue lysate)

FCMD polyclonal antibody (A01), Lot # 051102JC01. Western Blot analysis of FCMD expression in human ovarian cancer.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — FKTN

**Entrez GeneID**

[2218](#)

**GeneBank Accession#**

[NM\\_006731](#)

**Protein Accession#**

[NP\\_006722](#)

**Gene Name**

FKTN

**Gene Alias**

CMD1X, FCMD, LGMD2M, MGC126857, MGC134944, MGC134945, MGC138243

**Gene Description**

fukutin

**Omim ID**

[236670](#) [253800](#) [607440](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

The protein encoded by this gene is a putative transmembrane protein that is localized to the cis-Golgi compartment, where it may be involved in the glycosylation of alpha-dystroglycan in skeletal muscle. The encoded protein is thought to be a glycosyltransferase and could play a role in brain development. Defects in this gene are a cause of Fukuyama-type congenital muscular dystrophy (FCMD), Walker-Warburg syndrome (WWS), limb-girdle muscular dystrophy type 2M (LGMD2M), and dilated cardiomyopathy type 1X (CMD1X). Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations**

Fukuyama type congenital muscular dystrophy protein|OTTHUMP00000021841

**Disease**

- [Cardiomyopathy](#)
- [Muscular Dystrophies](#)
- [Muscular Dystrophy](#)