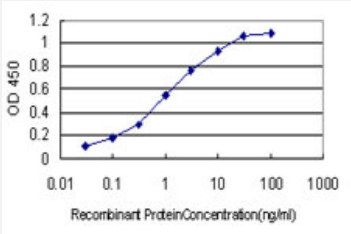
MYBPH monoclonal antibody (M01), clone 1F11

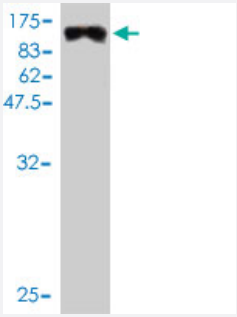
Catalog # H00004608-M01 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYBPH is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (78.21 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant MYBPH.
Immunogen	MYBPH (AAH44226, 1 a.a. ~ 477 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MMEKNTSEGPACSPEETASESAKVPTAEPPGEVAVSESTREEQVPKPQAPAPQAPTASTATKP APPSEDVPSAPLLLTLDDVSSSSVTVSWEPPERLGRLGLQGYVLELCREGASEWVPVSARPMM VTQQTVRNLALGDKFLLRVSAVSSAGAGPPAMLDQPIHIRENIEAPKIRVPRHLRQTYIRQVGETVN LQIPFQGKPKPQATWTHNGHALDSQRVSMRTGDQDSILFIRSAQRSDSGRYELTVRVEDLEAKAV IDILVIEKPGPPSSIRLLDVWGCNAALQWTPPQDTGNTELLGYMVQKADKKTGQWFTVLERYHPTT CTISDLIIGNSYSFRVFSENLCGLSTSATVTKELAHIQKADIAAKPKGFIERDFSEAPSFTQPLADHT STPGYSTQLFCSVRASPKPKIIWMKNKMEIQGNPKYRALSEQGVCTLEIRKPSPFDSGVYTCKAIN VLGEASVDCRLEVKASAAH

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Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (78.21 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 (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged MYBPH is approximately 0.03ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — MYBPH

Entrez GeneID	4608
GeneBank Accession#	BC044226
Protein Accession#	AAH44226
Gene Name	MYBPH
Gene Alias	-
Gene Description	myosin binding protein H
Omim ID	160795
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000039086|myosin-binding protein H

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Publication Reference

- The study of protein biomarkers to understand the biochemical processes underlying beef color development in young bulls.

  Gagaoua M, Terlouw EMC, Picard B.

  Meat Science 2017 Jul; 134:18.

  Application: Dot, Bovine, Bovine muscle

- Inverse relationships between biomarkers and beef tenderness according to contractile and metabolic properties of the muscle.

  Picard B, Gagaoua M, Micol D, Cassar-Malek I, Hocquette JF, Terlouw CE.

  Journal of Agricultural and Food Chemistry 2014 Oct; 62(40):9808.

  Application: Dot, Bovine, Bovine muscle

- Differential proteome and transcriptome analysis of porcine skeletal muscle during development.

  Xu Y, Qian H, Feng X, Xiong Y, Lei M, Ren Z, Zuo B, Xu D, Ma Y, Yuan H.

  Journal of Proteomics 2012 Apr; 75(7):2093.

  Application: WB-Ti, Pig, Skeletal muscle

- Functional analysis of beef tenderness.

  Guillemin N, Bonnet M, Jurie C, Picard B.

  Journal of Proteomics 2011 Dec; 75(2):352.

  Application: WB-Ti, Bovine, Bovine tenderness

- Proteome dynamics during contractile and metabolic differentiation of bovine foetal muscle.

  Chaze T, Meunier B, Chambon C, Jurie C, Picard B.

  Animal 2009 Jul; 3(7):980.

  Application: WB-Ti, Bovine, Bovine foetal muscles

- Molecular profiles of Quadriceps muscle in myostatin-null mice reveal PI3K and apoptotic pathways as myostatin targets.

  Chelh I, Meunier B, Picard B, Reecy MJ, Chevalier C, Hocquette JF, Cassar-Malek I.

  BMC Geriatrics 2009 Apr; 10:196.

  Application: WB-Ti, Mouse, Mouse muscles

Disease

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- Genetic Predisposition to Disease
- Hypertension

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