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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

BMPR1A monoclonal antibody (M01), clone 4C4

Catalog # : H00000657-M01

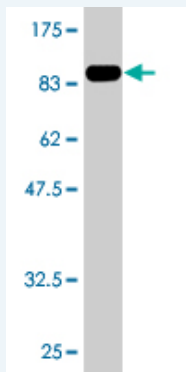
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant BMPR1A.
Immunogen:	BMPR1A (AAH28383, 1 a.a. ~ 532 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MPQLYIYIRLLGAYLFIISRVQGGQLDSMLHGTGMKSDSDQKKSSENGVTL APEDTLPFLKCYCSGHCPCDDAINNTCITNGHCFAIIEEDDQGETTLASGC MKYEGSGFQCKDSPAQLRRTIECCRTNLCNQYLQPTLPPVIGPFFDG SIRWL VLLISMAVCIAMIIFSSCFYKHYCKSISSRRRYNRDLEQDEAFIPV GESLKDLDVQSQSSGSGSGLPLLQRTIAKQIQMVRQVGKGRYGEVWM GKWRGEKVAVKVFVFTTEEASWFRETEIYQTVLMRHENILGFIAADIKGTG SWTQLYLITDYHENGSLYDFLKCATLDTRALLKLAYSACGLCHLHTEIY GTQGKPAIAHRDLKSKNILIKKNGSCCIADLGLAVKFNSDTNEVDVPLNTR VGTKRYMAPEVLDES LNKNHFQPYIMADIYSFGLIIEWEMARRCITGGIVVEE YQLPYYNMVPSPSYEDMREVVCVKRLRPVSNRWNSDECLRAVLKLMS ECWAHNPASRLTALRIKKTAKMVESQDVKI
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (84.26 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

MSDS: [Download](#)

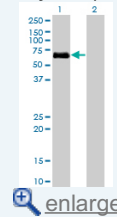
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

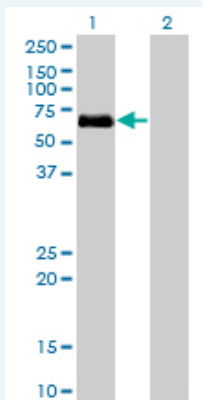
Application Image

Western Blot (Transfected lysate)



Western Blot (Recombinant protein)

ELISA




Western Blot analysis of BMPR1A expression in transfected 293T cell line by BMPR1A monoclonal antibody (M01), clone 4C4.

Lane 1: BMPR1A transfected lysate(60.2 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [657](#)

GeneBank [BC028383](#)
Accession#:

Protein [AAH28383](#)
Accession#:

Gene Name: BMPR1A

Gene Alias: 10q23del,ACVRLK3,ALK3,CD292

Gene Description: bone morphogenetic protein receptor, type IA

Omim ID: [158350](#), [174900](#), [601299](#), [610069](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The bone morphogenetic protein (BMP) receptors are a family of transmembrane serine/threonine kinases that include the type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. These receptors are also closely related to the activin receptors, ACVR1 and ACVR2. The ligands of these receptors are members of the TGF-beta superfamily. TGF-betas and activins transduce their signals through the formation of heteromeric complexes with 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. [provided by RefSeq]

Other Designations: OTTHUMP00000020014,activin A receptor, type II-like kinase 3

Gene Pathway

[Cytokine-cytokine receptor interaction](#) [TGF-beta signaling pathway](#)

Related Disease

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