



Cytoskeleton,INC
The Protein Experts

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Signal-Seeker Toolkits

- Comprehensive kits
- Minimal optimization time
- Maximizes PTM detection
- New Acetyl Lysine Affinity Beads and Kits

Keep It Simple

Signal-Seeker™ PTM Toolkits



Cytoskeleton,INC
The Protein Experts

Cytoskeleton's Signal Seeker™ Toolkits, are intended to help scientists discover new signal pathway events involving dynamic post-translational modifications (PTM) such as Ubiquitination, SUMOylation, Phosphorylation, and Acetylation.

Valid until August 30th, 2026

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Cytoskeleton's Product Summary Highlights

Acetyl-Lysine antibody (Cat. CS-AAC04-BEADS)

Simplified acetylation detection with Cytoskeleton's

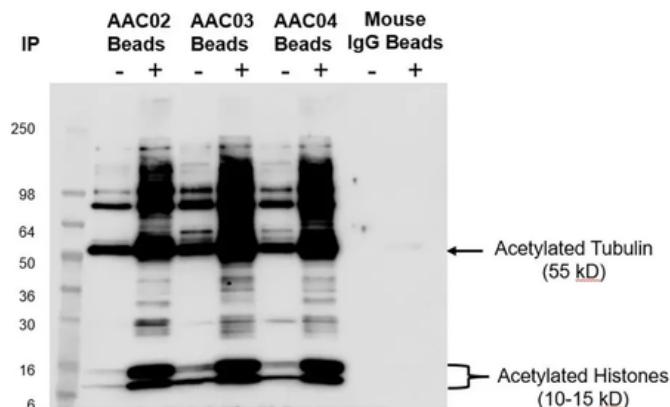
Acetyl Lysine Affinity Beads-AAC04

Learn more at:

<https://www.cytoskeleton.com/product/acetyl-lysine-affinitybeads-aac04>

Fig. CS-AAC02-BEADS, CS-AAC03-BEADS, and CS-AAC04-BEADS (50µl bead slurry) were used to IP acetylated proteins from Cos-7 cells either treated (+) or untreated (-) with deacetylase inhibitors [TSA (1µM) and nicotinamide (1mM)] for 6 hours. The total profile of enriched acetylated proteins were eluted and analyzed by western blot with an CS-AAC03-HRP antibody (1:3000). Mouse IgG beads are used as a control for non-specific binding (Cat # CS-CIG02). Each IP assay utilized 1 mg of Cos-7 lysate.

Measuring total acetylation levels in cell and tissue extracts



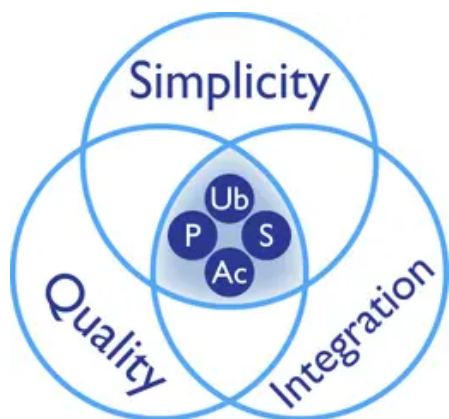
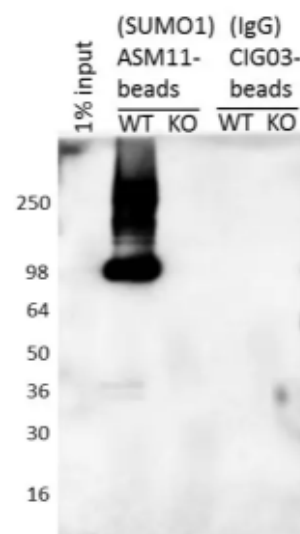
SUMO1 affinity beads (Cat. CS-ASM11-BEADS)

The only SUMO1 affinity beads commercially available with precise specificity for SUMO1 modified proteins Investigate endogenous SUMO1 modifications for any target protein

Learn more at: <https://www.cytoskeleton.com/product/sumoylation-1-affinitybeads>

Fig. HAP1 wildtype (WT) or HAP1-SUMO1-knockout (KO) lysate, was obtained using BlastR lysis and filter system present in the detection kit (CS-BK165). 1 mg of each clarified lysate were incubated with 40 µg of SUMO1 affinity reagent; CS-ASM11-beads. Bead bound samples were separated by SDS-PAGE and transferred to a PVDF membrane. Enriched SUMO1 samples were analyzed by western blot using anti-SUMO1 antibody at 1:5000 (CS-ASM01), and mouse Truvelot Ultra-HRP secondary at 1:1000 in 5% milk.

Immunoprecipitation of SUMO1 using anti-SUMO1 affinity beads



Signal-Seeker Useful Links

To help better understand Signal-Seeker Detection Kits, please check out this page that holds many valuable learning links.

<https://www.cytoskeleton.com/about-signal-seeker-useful-links>

*Terms and Conditions: Can not be combined with other offers.

Offer Expires: August 30th, 2026

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Cat# Number	PRODUCT	Size	List price 2026 €HT	Offer price €HT
CS-AAC01-L	Acetyl Lysine Antibody Mouse Monoclonal	2 x 100 µl	577,00	490,45
CS-AAC01-S	Acetyl Lysine Antibody Mouse Monoclonal	1 x 25 µl	160,00	136,00
CS-AAC02-BEADS	Acetyl-Lysine Affinity Beads - AAC02	4 x 500 ul	904,00	768,40
CS-AAC03-BEADS-L	Acetyl-Lysine Affinity Beads - AAC03	4 x 500 ul	904,00	768,40
CS-AAC04-BEADS-A	Acetyl-Lysine Affinity Beads - AAC04	4 x 500 µl	904,00	768,40
CS-AAC03-L	Acetyl-Lysine Antibody Mouse Monoclonal (19C4B2-1)	2 x 100 µl	577,00	490,45
CS-AAC03-S	Acetyl-Lysine Antibody Mouse Monoclonal (19C4B2-1)	1 x 25 ul	160,00	136,00
CS-AAC02-L	Acetyl-Lysine Antibody Mouse Monoclonal (7B5A1)	2 x 100 µl	577,00	490,45
CS-AAC02-S	Acetyl-Lysine Antibody Mouse Monoclonal (7B5A1)	1 x 25 ul	160,00	136,00
CS-CIG02-BEADS-10	Acetyl-Lysine Control Beads	10 assays	160,00	136,00
CS-AAC03-HRP	Acetyl-Lysine-HRP Antibody Mouse Monoclonal (19C4B2-1)	1 x 100 ul	646,00	549,10
CS-AAC03-HRP-S	Acetyl-Lysine-HRP Antibody Mouse Monoclonal (19C4B2-1)	1 x 25 ul	222,00	188,70
CS-BLR03-50	BlastR Lysis/Dilution Buffer Kit	50 lyses	245,00	208,25
CS-BLR02-50	BlastR Rapid Filtration Kit	50 purifications	245,00	208,25
CS-BLR01-50	BlastR Rapid Lysate Prep Kit	50 purifications	338,00	287,30
CS-AACX1	Chemically Acetylated Bovine Serum Albumin (BSA)	2 x 500 µg	83,00	70,55
CS-CIG01-BEADS-10	IgG Control Beads	10 assays	160,00	136,00
CS-MIC01-A	MICAL-1 Protein 6xHis	2 x 50 µg	528,00	448,80
CS-MIC01-XL	MICAL-1 Protein 6xHis	1 x 1 mg	2 001,00	1 700,85
CS-MPAX1-A	MICAL-Oxidized (Pyrene labeled) Actin Protein (>95% pure) - Rabbit Skeletal Muscle	2 x 250 µg	584,00	496,40
CS-MPAX1-XL	MICAL-Oxidized (Pyrene labeled) Actin Protein (>95% pure) - Rabbit Skeletal Muscle	1 x 1 mg	945,00	803,25
CS-MXA95-A	MICAL-Oxidized Actin Protein (>95% pure) - Rabbit Skeletal Muscle	2 x 250 µg	500,00	425,00
CS-MXA95-XL	MICAL-Oxidized Actin Protein (>95% pure) - Rabbit Skeletal Muscle	1 x 1 mg	806,00	685,10
CS-MB201-A	MsrB2 Protein 6xHis	2 x 50 µg	473,00	402,05
CS-MB201-XL	MsrB2 Protein 6xHis	1 x 1 mg	2 001,00	1 700,85
CS-APY03-BEADS-L	Phosphotyrosine Affinity Beads	4 x 330 µl	904,00	768,40
CS-APY03-L	Phosphotyrosine Antibody Mouse Monoclonal 27B10	2 x 100 µl	523,00	444,55
CS-APY03-S	Phosphotyrosine Antibody Mouse Monoclonal 27B10	1 x 25 µl	70,00	59,50
CS-APY03-HRP-L	Phosphotyrosine-HRP Mouse Monoclonal Antibody 27B10	1 x 100 µl	646,00	549,10
CS-APY03-HRP-S	Phosphotyrosine-HRP Mouse Monoclonal Antibody 27B10	1 x 25 µl	216,00	183,60
CS-BK162-L	Signal-Seeker® SUMOylation 2/3 Detection Kit	KIT 30 assays	1 099,00	934,15
CS-BK162-S	Signal-Seeker® SUMOylation 2/3 Detection Kit	KIT 10 assays	555,00	471,75
CS-BK163-L	Signal-Seeker® Acetyl-Lysine Detection Kit	KIT 30 assays	1 099,00	934,15
CS-BK163-S	Signal-Seeker® Acetyl-Lysine Detection Kit	KIT 10 assays	555,00	471,75
CS-BK164	Signal-Seeker® Acetyl-Lysine Detection Kit - AAC03-Beads (30 assays)	KIT 30 assays	1 099,00	934,15
CS-BK160-L	Signal-Seeker® Phosphotyrosine Detection Kit	KIT 30 assays	1 099,00	934,15
CS-BK160-S	Signal-Seeker® Phosphotyrosine Detection Kit	KIT 10 assays	555,00	471,75
CS-BK165-L	Signal-Seeker® SUMOylation 1 Detection Kit	KIT 30 assays	1 099,00	934,15
CS-BK165-S	Signal-Seeker® SUMOylation 1 Detection Kit	KIT 10 assays	555,00	471,75
CS-BK161-L	Signal-Seeker® Ubiquitin Detection Kit	KIT 30 assays	1 099,00	934,15
CS-BK161-S	Signal-Seeker® Ubiquitin Detection Kit	KIT 10 assays	555,00	471,75
CS-ASM01-L	SUMO1 Antibody Mouse Monoclonal (Clone 5D8B16)	1 x 100 µl	577,00	490,45
CS-ASM01-S	SUMO1 Antibody Mouse Monoclonal (Clone 5D8B16)	1 x 25 µl	160,00	136,00
CS-CIG03-BEADS-12	SUMO1 IP Control Beads	10 assays	160,00	136,00
CS-ASM24-L	SUMO-2/3 Antibody Mouse Monoclonal (Clone 11G2)	2 x 200 µl	577,00	490,45
CS-ASM24-S	SUMO-2/3 Antibody Mouse Monoclonal (Clone 11G2)	1 x 150 µl	209,00	177,65
CS-ASM23-L	SUMO-2/3 Antibody Mouse Monoclonal (Clone 12F3)	2 x 100 µl	577,00	490,45

Cat# Number	PRODUCT	Size	List price 2026 €HT	Offer price €HT
CS-ASM23-S	SUMO-2/3 Antibody Mouse Monoclonal (Clone 12F3)	1 x 25 µl	160,00	136,00
CS-ASM23-HRP-L	SUMO-2/3-HRP Antibody Mouse Monoclonal (Clone 12F3)	1 x 100 µl	654,00	555,90
CS-ASM23-HRP-S	SUMO-2/3-HRP Antibody Mouse Monoclonal (Clone 12F3)	1 x 25 µl	209,00	177,65
CS-ASM11-BEADS-A	SUMOylation 1 Affinity Beads	3 x 400 µl	904,00	768,40
CS-ASM24-BEADS-A	SUMOylation 2/3 Affinity Beads	2 x 400 µl	904,00	768,40
CS-AACX2	Tricostatin A (TSA) Treated And Untreated Cell Lysates	100 µg treated + 100 µg untreated	160,00	136,00
CS-AUB01-L	Ubiquitin Antibody Mouse Monoclonal	2 x 100 µl	577,00	490,45
CS-AUB01-S	Ubiquitin Antibody Mouse Monoclonal	1 x 25 µl	160,00	136,00
CS-AUB01-XL	Ubiquitin Antibody Mouse Monoclonal	4 x 500 µl	1 230,00	1 045,50
CS-UBA01B-BEADS	Ubiquitination Affinity Beads	40 rxs	799,00	679,15
CS-CUB02B-BEADS-A	Ubiquitination Control Beads	10 assays	156,00	132,60
CS-AUB01-HRP-L	Ubiquitin-HRP Antibody Mouse Monoclonal	1 x 100 µl	654,00	555,90
CS-AUB01-HRP-S	Ubiquitin-HRP Antibody Mouse Monoclonal	1 x 25 µl	209,00	177,65