# Phosphoserine monoclonal antibody (1C8)

**This antibody is covered by our Worry-Free Guarantee.**

**Citations:** 9 View Online »

## Ordering Information Order Online »

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|---|---|
| **ALX-804-1620** | 100µg |

## Manuals, SDS & CofA View Online »

## Handling & Storage

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| **Use/Stability** | Stable at -80°C up to 1 year, at 4°C up to 1 week. |
| **Handling** | Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and freeze in liquid nitrogen. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

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| **Application** | ELISA, IP, WB |
| **Clone** | 1C8 |
| **Formulation** | Lyophilized from 1ml of 2x PBS containing 0.09% sodium azide, PEG, and sucrose. |
| **Host** | Mouse |
| **Immunogen** | Phosphoserine containing peptides conjugated to KLH. |
| **Isotype** | IgM |
| **Positive Control** | Included. (Prod. No. 840-012-1) |
| **Purity Detail** | Thiophilic adsorption and size exclusion chromatography purified. |
| **Recommendation Dilutions/Conditions** | Western Blot (1µg/ml for HRPO/ECL detection; recommended blocking buffer BPPT: 2x PBS containing 3% (w/v) BSA, 1% (w/v) PEG 4,000, 1% (w/v) polyvinylpyrrolidone (PVP)0.1% (v/v) Tween 20. Do not use milk/casein for blocking and dilution!)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application. |
| **Reconstitution** | Reconstitute with 1ml water (15 minutes at room temperature). |

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| **Species Reactivity** | Species independent |
| **Specificity** | Recognizes a broad range of serine-phosphorylated proteins in crude cell extracts, interacting with phosphoserine surrounded by positive or neutral aa (e.g. substrates of PKA, PKB, PKC, PKG etc.). Please note that phosphoserine detection by MAbs always depends on the surrounding aa sequence. |
| **Worry-free Guarantee** | **This antibody is covered by our Worry-Free Guarantee .** |

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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