Anti c-Myc Tag scFv (Clone 9E10), His Tag | PA000002.scFv

Ultra-compact recombinant anti c-myc antibody (Clone 9E10 scFv) engineered with a C-terminal His-tag for high-affinity, Fc-free detection of EQKLISEEDL-tagged proteins. The ~27 kDa single-chain format eliminates Fc background and improves intracellular and structural penetration.

PRODUCT SPECIFICATIONS

Catalog No.	PA000002.scFv
Product Name	Recombinant Anti-Myc-Tag scFv (Clone 9E10), His Tag
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	Anti-c-Myc Antibody, c-Myc Antibody (9E10), Clone 9E10, Anti-EQKLISEEDL tag antibody, scFv 9E10
Summary	The recombinant anti-c-Myc single-chain variable fragment (scFv, clone 9E10) is produced in mammalian cells and fused with a C-terminal His-tag.
Clone	9E10
Specificity & Reactivity	c-Myc tagged proteins (EQKLISEEDL) and Myc tag expression cells. Reactive across Human, Mouse, Rat, and Others.
Applications	ELISA, flow cytometry, immunoblotting (WB), immunoprecipitation (IP), immunocytochemistry, immunofluorescence, chromatin immunoprecipitation, electron microscopy, supershift assays, protein purification if conjugated with agarose or magnetic beads, and isotype controls. WB 1:1000-1:5000 / IP 1-5ug/IP / IF 1:100-1:500 / FC 0.5-1ug/test
Reactivity	Human, Mouse, Rat, Others.
Purification	The c-Myc-tag scFv antibody was affinity-purified from supernatant of mammalian cells cultured in a chemically defined medium by affinity-chromatography.
Form Of Antibody	1 mg/ml in 1x PBS.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping	The recombinant anti-c-Myc scFv antibody (clone 9E10) is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. For maximum recovery of the product, centrifuge the original vial after thawing and before removing the cap. 1 month from date of receipt, 2 to 8°C as supplied. 3 months from date of receipt, -20°C to -70°C as supplied.

BIOLOGICAL DESCRIPTION & RESEARCH APPLICATIONS

The **Anti c-Myc Tag scFv (Clone 9E10), His Tag** is an engineered single-chain variable fragment containing the variable heavy (VH) and variable light (VL) domains of the iconic 9E10 hybridoma connected by a flexible linker, fused with a C-terminal His-tag. At approximately 27 kDa, this ultra-compact fragment completely lacks the immunoglobulin Fc domain, eliminating non-specific Fc receptor binding on immune cells and preventing receptor cross-linking during live-cell assays. Its small molecular weight provides exceptional tissue and cellular penetration, making it an ideal choice for specialized structural biology, intracellular probing, and advanced co-immunoprecipitation protocols without heavy/light chain interference.

ORDERING & TECHNICAL SUPPORT

For batch-specific Certificate of Analysis (COA), SDS-PAGE validation data, or custom bulk volume ordering, please visit the product webpage or contact our support team:

- **Product Webpage:** https://www.ushelf.com/anti-myc-tag-scfv-clone-9e10-his-tag-pa000002-scfv/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com

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