

DYKDDDDK Fab CoIP Agarose

Cat. No. DYKDDDDK Fab-01A **Lot. No.** (See product label)

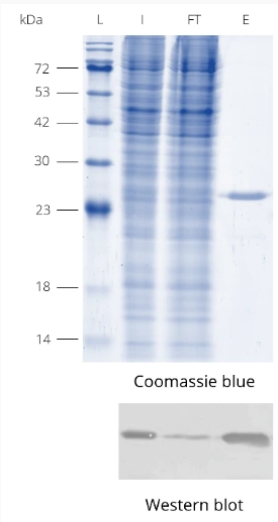
SPECIFICATION

Product Overview	The DYKDDDDK Fab-Trap Agarose is a premium affinity resin for efficient Immunoprecipitation (IP) of Flag-tagged proteins. The DYKDDDDK Fab-Trap Agarose consists of a Fab-fragment, which is covalently bound to agarose beads. • Lowest background in class • Less contaminating antibody chains • Recombinantly expressed Fab-fragment derived from M2 clone • Compatible with harsh buffer conditions • Ready-to-use
Specificity/Target	The DYKDDDDK Fab-Trap Agarose specifically binds to 1x and 3x DYKDDDDK-tag sequence (1x and 3x Flag-tag). It binds to same epitope as Sigma's Anti-FLAG M2 Antibody and is compatible with N-, C-terminal or internal tagging.
Binding capacity	12.5 - 15 µg of recombinant 3x DYKDDDDK-tagged protein (~30 kDa) per 25 µL bead slurry
Conjugate	Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)
Elution buffer	3x DYKDDDDK-peptide SDS sample buffer 0.2 M glycine pH 2.5
Wash buffer compatibility	0.5 % Nonidet P40 Substitute, 5 % Tween™ 20, 2 M NaCl, 10 mM TCEP, 10 mM DTT, 10 mM β-mercaptoethanol, 2 M Urea

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Type	Nanobody
Storage Buffer	1x PBS, Preservative: 0.09 % sodium azide
Applications	IP, CoIP, ChIP, RIP, Protein purification
Storage	Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!
Western Blot	 Western blot analysis showing protein expression. The top panel is a Coomassie blue stained gel with lanes labeled L, I, FT, and E. Molecular weight markers are indicated on the left at 72, 53, 42, 30, 23, 18, and 14 kDa. The bottom panel is a Western blot showing a single band in the E lane at approximately 23 kDa.