

DYKDDDDK Fab CoIP Agarose Kit

Cat. No. DYKDDDDK Fab-02A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The DYKDDDDK Fab-Trap Agarose Kit contains DYKDDDDK Fab-Trap Agarose, lysis, wash, and elution buffers for efficient immunoprecipitation of Flag-tagged proteins and their interacting factors. • 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 3xDYKDDDDK-tag sequence (1x and 3xFlag-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 3xDYKDDDDK-tagged protein (~30 kDa) per 25µL bead slurry
Conjugate	Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)
Elution buffer	3xDYKDDDDK-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	Fab-fragment
Storage Buffer	1x PBS, Preservative: 0.09 % sodium azide
Applications	IP, CoIP, ChIP, RIP, Protein purification
Western Blot	