

Datasheet for ABIN400577
Protein A/G Magnetic Beads



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2 Publications

Overview

Quantity:	2 mL
Target:	Protein A/G
Application:	Immunoprecipitation (IP), Purification (Purif), Affinity Chromatography (AC)

Product Details

Purpose:	Protein A/G MagBeads are designed for small-scale antibody purification and immunoprecipitation of proteins, protein complexes or other antigens.
Brand:	MagBeads
Characteristics:	Protein A/G MagBeads are superparamagnetic beads of average 40 µm in diameter, covalently coated with recombinant Protein A/G. The beads are supplied as 25% slurry in phosphate buffered saline (PBS), pH 7.4, containing 20% ethanol. The Protein A/G MagBeads have a binding capacity of more than 10 mg Goat IgG per 1 ml settled beads (e.g. 4 ml 25% slurry).
Bead Ligand:	Protein A, Protein G
Bead Matrix:	Magnetic particles
Bead Size:	40 µm

Target Details

Target:	Protein A/G
Abstract:	Protein A/G Products
Background:	Protein A/G is a genetically engineered protein (MW≈43 kDa) that combines the IgG binding sites of both Protein A and Protein G. 6×His-tag was attached to its N-terminal to facilitate the

Target Details

purification. The secreted Protein A/G contains four Fc-binding domains from Protein A and two from Protein G, making it a more universal tool to bind and purify immunoglobulins.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.5 ml settled Beads (2 ml 25% slurry)

Storage: 4 °C

Storage Comment: Store at 4°C, do NOT freeze.

Expiry Date: 12 months

Publications

Product cited in: Tyler, Pearce, Shaler, Olzmann, Greenblatt, Kopito: "Unassembled CD147 is an endogenous endoplasmic reticulum-associated degradation substrate." in: **Molecular biology of the cell**, Vol. 23, Issue 24, pp. 4668-78, (2012) ([PubMed](#)).

Luo, Hannemann, Kulkarni, Schwartz, ODowd, Fortunato: "Human cytomegalovirus infection causes premature and abnormal differentiation of human neural progenitor cells." in: **Journal of virology**, Vol. 84, Issue 7, pp. 3528-41, (2010) ([PubMed](#)).