

## Anti-Legionella surface antigen [L74] Standard Size Ab02477-30.11

This is an scFv fragment with a His tag.

**Isotype and Format:** scFv fragment (His), ScFv

**Clone Number:** L74

**Alternative Name(s) of Target:** Gram-negative bacteria; Legionella pneumophila

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA

**Published Species Reactivity:** Legionella pneumophila

**Immunogen:** This antibody was generated by site-directed mutagenesis with an aspartic acid insertion mutation at position 101 of the antibody heavy chain of the original monoclonal antibody.

**Specificity:** This antibody is capable of recognizing Legionella spp, which form a genus of pathogenic gram-negative bacteria.

**Application Notes:** This antibody exhibits broader specificity towards Legionella serotypes. The specificity of this antibody for Legionella was confirmed using ELISA (PMID: 11292489).

**Antibody First Published in:** McCarthy Altering the fine specificity of an anti-Legionella single chain antibody by a single amino acid insertion. J Immunol Methods. (2001); 251(1-2):137-49. [PMID:11292489](#)

**Note on publication:** Describes the generation of this antibody with improved specificity using site directed mutagenesis.

## Product Form

**Size:** 50 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.