

## Anti-P protein [ZL.6 (ZL2)] Bulk Size Ab03466-21.0-BT

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

This full-length chimeric mouse antibody was made using the variable domain sequences of the original Chicken scFv format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Mouse IgM, Lambda

**Clone Number:** ZL.6 (ZL2)

**Alternative Name(s) of Target:** NDV; Newcastle disease virus; Newcastle disease virus strain F48E9; phosphoprotein; NCBI: 82692

**UniProt Accession Number of Target Protein:**

**Published Application(s):** neutralize, ELISA

**Published Species Reactivity:** Newcastle disease virus

**Immunogen:** The original antibody was generated by immunizing ten-week-old female white leghorns with ND VG/GA type vaccines.

**Specificity:** This antibody recognizes and binds chicken Newcastle disease virus (NDV) strain F48E9. NDV is an avian disease causing a deadly infection in many domestic and wild bird species; it is transmissible to humans. In humans, NDV causes mild flu-like symptoms or conjunctivitis and/or laryngitis.

**Application Notes:** The binding characterization of this antibody to chicken Newcastle disease virus strain F48E9 was done using indirect ELISA. This antibody was capable of neutralizing Newcastle disease virus F48E9 which infected BHK21 cells (PMID: 25183016).

**Antibody First Published in:** Li et al. Preparation and identification of a single-chain variable fragment antibody against Newcastle diseases virus F48E9. Vet Immunol Immunopathol. 2014 Oct 15;161(3-4):258-64. [PMID:25183016](#)

**Note on publication:** Describes the generation, characterization and neutralizing activity of an antibody against Newcastle disease virus.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Affinity Purified using a recombinant lectin column

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.