

**Antibody to pp60Src (GD11)**
MOUSE MONOCLONAL

Catalog Number: AB-V61
Quantity: 100 micrograms
Format: PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative.
Host: Mouse
Isotype: IgG1
Clone: GD11
Immunogen: Recombinant chicken pp60src

Background: The Src kinase family comprises eight non-receptor tyrosine kinases with similar domain organization, including Src itself. Src is involved in regulating processes such as embryonic development and cell growth. The viral counterpart, pp60src, encoded by the Rous sarcoma virus, functions as a protein kinase capable of phosphorylating tyrosine residues in target proteins. This viralsrcgene product is a key factor in the oncogenic activity of avian sarcoma virus.

Specificity & Preparation: This mouse IgG1 monoclonal antibody is generated against recombinant chicken pp60Src, and recognizes pp60Src from human, mouse, rat, mink, and avian species.

Usage: Applications include western blot and immunoprecipitation. Working dilutions must be determined by end user.

Storage: Store antibody at -20°C for one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.

**Selected References:**

1. Parsons SJ, McCarley DJ, Ely CM, Benjamin DC, Parsons JT (1984) Monoclonal antibodies to Rous sarcoma virus pp60src react with enzymatically active cellular pp60src of avian and mammalian origin. J Virol 51(2):272-282. doi: 10.1128/JVI.51.2.272-282.1984 PMID: 6205164

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