

Anti-Angiogenin [26-2F] Standard Size Ab00400-10.0

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: 26-2F

Alternative Name(s) of Target: ANG; Ribonuclease 5; RNase 5; ALS9; HEL168; RAA1

UniProt Accession Number of Target Protein: P03950

Published Application(s): ICC, Block, ELISA, IHC

Published Species Reactivity: Rabbit, Human

Immunogen: Human angiogenin.

Specificity: Binds to human angiogenin with a Kd of 1.6 nM. Minimal epitope is W89 and fragment 38-41 (PCKD).

Application Notes: The antibody binds specifically to angiogenin, a member of the ribonuclease superfamily of proteins, which interacts with actin on the surface of endothelial and smooth muscle cells, inducing neovascularization. Due to its angiogenic activity, angiogenesis plays a key role in the growth and invasiveness of tumour cells, and therefore neutralising monoclonal antibodies such as 26-2F are important anticancer drugs. The monoclonal antibody 26-2F is not directly cytotoxic to tumour cells in vitro, however has been shown to have antagonistic effects in human breast cancer xenografts in athymic mice.

Antibody First Published in: Fett et al. A monoclonal antibody to human angiogenin. Inhibition of ribonucleolytic and angioneogenic activities and localization of the antigenic epitope. *Biochemistry* 1994; 33(18):5421-5427 [PMID:7514035](#)

Note on publication: Describes the generation of a monoclonal antibody against human angiogenin and epitope mapping.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

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.