

Anti-Angiogenin [26-2F] Standard Size Ab00400-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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, Fc Silent™, 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.