



Heavy chain and light chain sequences of antibodies which recognize and block canine YKL40

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Market Needs:

The protein products of those sequences can be used for academic studies and diagnosis, may also be used to treat dog cancer in the future.

Our Technology:

Based on these sequences, the scFv Abs expressed by bacteria can be used to recognize canine YKL40 on IFA, ELISA, IHC, Western blotting, and immunoprecipitation etc. Also, they can be used to block the responses induced by canine YKL40, such as cell proliferation, migration and invasion.

Strength:

The titer of monoclonal antibodies produced by hybridoma will gradually decay over time. We cloned their sequences which recognize the antigen and these sequences can be preserved forever and modified through gene technology according to future applications.

Competing Products:

All the products which recognize canine YKL40

Intellectual Properties:

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