



Anti-CD34, Chicken-Polyclonal Antibody

Catalog No. PY-10072
Antigen species: Human
Host species: Chicken

Quantity: 100µg **Applications:** Western blot, IHC
Reactivity: Human
Form: Antigen affinity-purified antibody

Target description

CD34 is a monomeric type I transmembrane protein with a molecular mass of approximately 110 kD. The protein is selectively expressed on human hematopoietic progenitor cell surface.

Antigen

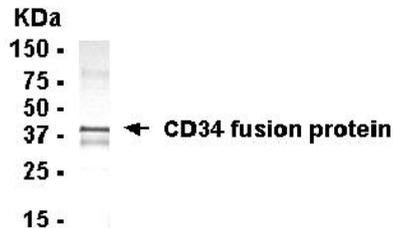
This polyclonal antibody was raised by immunizing chicken with human CD34 fusion protein (32-290 amino acids).

Application

Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1: 500, for tissue or cell staining is 1: 200. Optimal working dilutions must be determined by the end user.

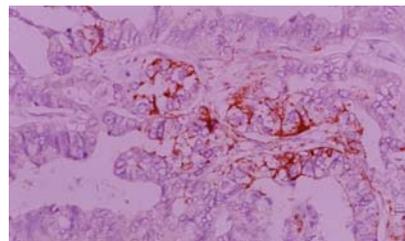
Related Products

1. Anti-CD30 (Ki-1 Antigen), Chicken pAb (PY-10096)



Western blot Protocol

1. Block membrane with 5% non-fat milk in PBS-T for 1 hour at room temperature or longer at 4°C.
2. Incubate membrane with IgY antibodies at dilution of 1: 2,000 with 1% milk in PBS-T at R.T. for 1 h.
3. Rinse 3 times with PBS-T, then wash membrane with PBS-T, 5 min each, total of 3 times.
4. Incubate with 2nd antibody (goat-anti-IgY/Fc-HRP) at dilution 1: 1,000 for ECL (with 1% milk PBS-T) at R.T. for 1 h.
5. Rinse 3 times with PBS-T, then wash with PBS-T, 5 min each with shaking, total of 3 times.
6. Perform ECL detection of signal using Pierce ECL kit.



DAB method Tissue Staining:

CD34 (1: 200), Cervical cancer, papillary adenocarcinoma.

Storage

It is supplied as antigen affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1mg/ml (1×PBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

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