

# Anti-Dermatophagoides farinae DERF1/DERP1 Antibody (4C1)

### **Summary**

Catalog No. RXX51601

Clone ID 4C1

Host species Human

Species reactivity Dermatophagoides farinae (American house dust mite),

Dermatophagoides pteronyssinus (European house dust mite)

Form Liquid

Storage buffer 0.01M PBS, pH 7.4.

Concentration 1.19 mg/ml

Purity >95% as determined by SDS-PAGE.

**Clonality** Monoclonal

Isotype IgG1, kappa

**Applications** ELISA

Peptidase 1, 3.4.22.65, Allergen Der f I, Major mite fecal allergen Der f 1,

Target Der f 1, DERF1, Allergen Der p I, Major mite fecal allergen Der p 1, Der p

1, DERP1, Dermatophagoides farinae

**Purification** Protein A/G purified from cell culture supernatant.

Endotoxin level Please contact with the lab for this information.

Accession P16311 & P08176





#### Recombinant Proteins & Antibodies

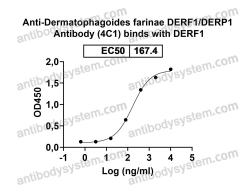
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Stability and Storage Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -

80°C long term.

Note For research use only.

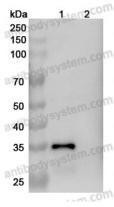
## Data Image



**Bioactivity** 

Detects Dermatophagoides farinae (American house dust mite), Dermatophagoides pteronyssinus (European house dust mite)
DERF1/DERP1 in indirect ELISAs.

#### Recombinant Proteins & Antibodies



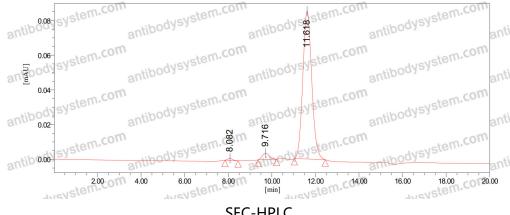
Western blot

Various lysates were subjected to SDS PAGE followed by western blot with American house dust mite DERF1 antibody (RXX51601) at 1µg/ml.

Lane 1: American house dust mite DERF1 transfected HEK293 cell lysate Lane 2: Non-transfected HEK293 cell lysate

Second Ab: Goat Anti-Human IgG H&L Polyclonal antibody, HRP (PHB96431) at  $0.1 \mu g/mL$ .

Predict MW: 35 kDa Observed MW: 35 kDa



SEC-HPLC

The purity of this product is >95% as determined by SEC-HPLC.

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