

Recombinant Keratin 4 Monoclonal Antibody

catalog number: **AN301580L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

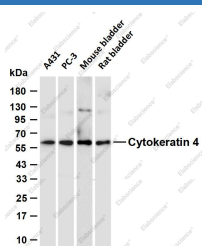
Reactivity	Human;Mouse;Rat
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111203
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:10000-1:50000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

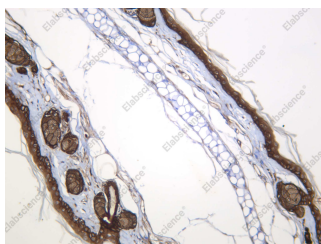
Data



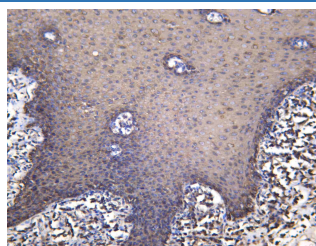
Western blot analysis of A431, PC-3, Mouse bladder and Rat bladder cell lysates using Keratin 4 Antibody (AN301580L).

Observed-MW:57 kDa

Calculated-MW:57 kDa



Immunohistochemical analysis of paraffin-embedded Mouse skin sections using Keratin 4 Antibody (AN301580L).



Immunohistochemical analysis of paraffin-embedded Human tonsil sections using Keratin 4 Antibody (AN301580L).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.5

Keratin is a type I and type II intermediate filament protein that forms a cytoskeletal network in all epithelial cells. They are expressed in pairs in a tissue- and differentiation-specific manner. In recent years, a rare autosomal dominant genetic disease-white sponge nevus (WSN) in the oral mucosa is related to mutations in the keratin 4 (KRT4) and keratin 13 (KRT13) genes.