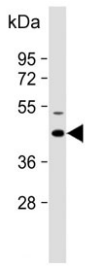
Keratocan Antibody / KERA (F54366)

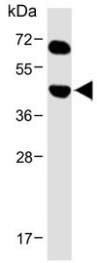
Catalog No.	Formulation	Size
F54366-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54366-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

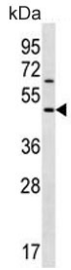
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
UniProt	O60938
Applications	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
Limitations	This Keratocan antibody is available for research use only.



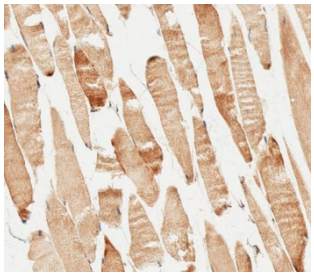
Western blot testing of mouse eyeball lysate with Keratocan antibody. Predicted molecular weight ~41 kDa.



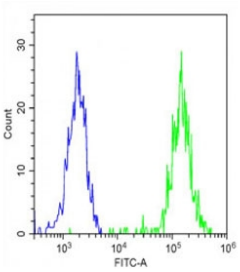
Western blot testing of human skeletal muscle lysate with Keratocan antibody. Predicted molecular weight ~41 kDa.



Western blot testing of human MDA-MB-435 cell lysate with Keratocan antibody. Predicted molecular weight ~41 kDa.



IHC testing of FFPE human skeletal muscle tissue with Keratocan antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of fixed and permeabilized human SK-OV-3 cells with Keratocan antibody; Blue=isotype control, Green= Keratocan antibody.

Description

The protein encoded by this gene is a keratan sulfate proteoglycan that is involved in corneal transparency. Defects in this gene are a cause of autosomal recessive cornea plana 2 (CNA2).

Application Notes

The stated application concentrations are suggested starting points. Titration of the Keratocan antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 228-257 from the human protein was used as the immunogen for the Keratocan antibody.

Storage

Aliquot the Keratocan antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.