


Product datasheet

Anti-ID4 antibody ab220881

1 Image

Overview

Product name	Anti-ID4 antibody
Description	Rabbit polyclonal to ID4
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Pig 
Immunogen	Recombinant fragment corresponding to Human ID4 aa 139-161. Sequence: PLTALNTDPAGAVNKQGDSILCR Database link: P47928 Run BLAST with Run BLAST with
Positive control	HEK 293 cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

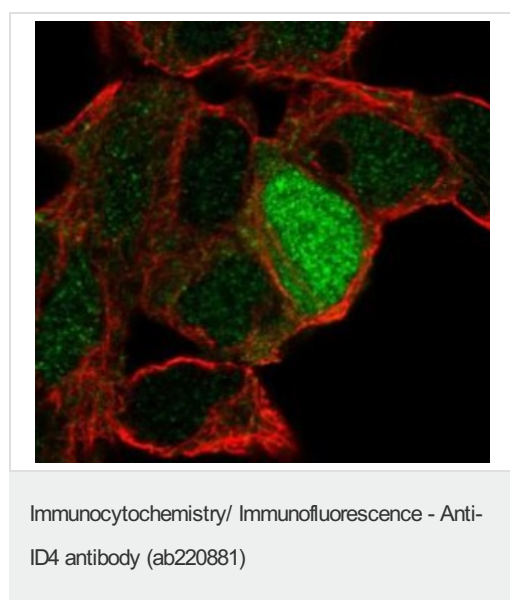
Our [Abpromise guarantee](#) covers the use of **ab220881** in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 - 4 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Function	ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Cellular localization	Nucleus.

Images



Immunofluorescent analysis of PFA-fixed/Triton X-100 permeabilized HEK 293 cells labeling ID4 with ab220881 at 4 µg/mL (green).

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