Datasheet for ABIN5584080

anti-MYH11 antibody (AA 1324-1411)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	MYH11
Binding Specificity:	AA 1324-1411
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYH11 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against partial recombinant human MYH11.
Immunogen:	Recombinant protein corresponding to amino acids 1324-1411 of human MYH11.
Sequence:	LQEETRQKLN VSTKLRQLEE ERNSLQDQLD EEMEAKQNLE RHISTLNIQL SDSKKKLQDF ASTVEALEEG KKRFQKEIEN LTQQYEEK
Isotype:	IgG
Cross-Reactivity:	Human

Target Details

Target:	MYH11
Alternative Name:	MYH11 (MYH11 Products)

Target Details

Background:	Full Gene Name: myosin, heavy chain 11, smooth muscle Synonyms: AAT4,DKFZp686D10126,DKFZp686D19237,FAA4,FLJ35232,MGC126726,MGC32963,SMHC,SMMHC
Gene ID:	4629

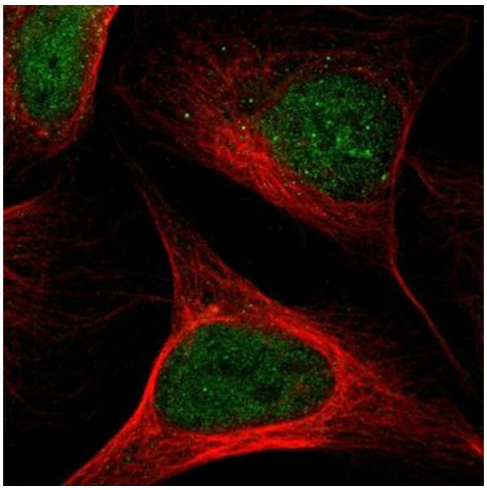
Application Details

Application Notes:	Immunofluorescence (1 - 4 µg/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50 - 1:200) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

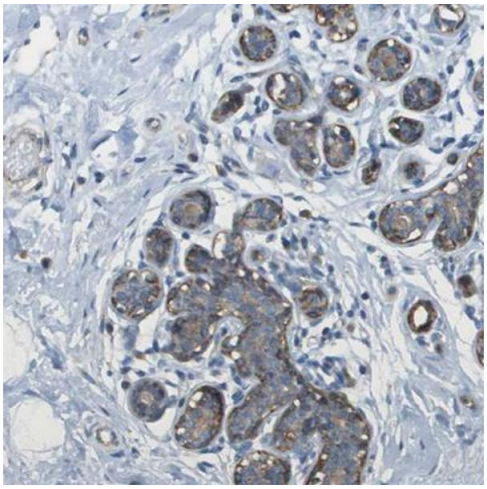
Format:	Liquid
Buffer:	In PBS, pH 7.2 (40 % glycerol, 0.02 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Images



Immunofluorescence

Image 1. Immunofluorescent staining of human cell line U-2 OS with MYH11 polyclonal antibody shows positivity in nucleus but excluded from the nucleoli. Antibody staining is shown in green.



Immunohistochemistry

Image 2. Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast with MYH11 polyclonal antibody shows moderate positivity in myoepithelial cells.