

CoraLite® Plus 488-conjugated Cytokeratin 15 Monoclonal antibody

Catalog Number: **CL488-60247**

Basic Information

Catalog Number:

CL488-60247

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0185

GenBank Accession Number:

BC002641

GeneID (NCBI):

3866

UNIPROT ID:

P19012

Full Name:

keratin 15

Calculated MW:

49 kDa

Observed MW:

49 kDa

Purification Method:

Protein G purification

CloneNo.:

6B4F8

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : HeLa cells,

Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells. Keratin expression is highly regulated, tissue specific, and varies according to cell-state. Type I keratins consist of acidic, low molecular weight proteins with MW ranging from 40 kDa (KRT19) to 64 kDa (KRT9). Type 2 keratins consist of basic or neutral, high molecular weight proteins with MW from 52 kDa (KRT8) to 67 kDa (KRT18). Keratin 15 is a type I cytokeratin. It is found in some progenitor basal cells within complex epithelia.

Storage

Storage:

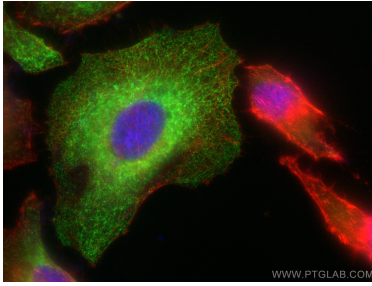
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)
fixed HeLa cells using Coralite® Plus 488
Cytokeratin 15 antibody (CL488-60247, Clone:
6B4F8) at dilution of 1:200, CL594-Phalloidin (red).