

À des fins de recherche uniquement

Anticorps Monoclonal anti-Cytokeratin 7



Numéro de catalogue: **CL488-66483**

Phare

Informations de base

Numéro de catalogue: CL488-66483	Numéro d'acquisition GenBank: BC002700	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3855	CloneNo.: 2E1G5
Hôte: Mouse	Nom complet: keratin 7	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé 469 aa, 51 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7895		

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : tissu de cancer du poumon humain,
Spécificité de l'espèce: Humain	

Informations générales

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT7, also named as cytokeratin 7, is one member of type II basic cytokeratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels, and their neoplasms. KRT7 is marker of epithelial tissues, but not present in carcinomas of stratified squamous cell origin. This antibody is specifically against KRT7. The antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

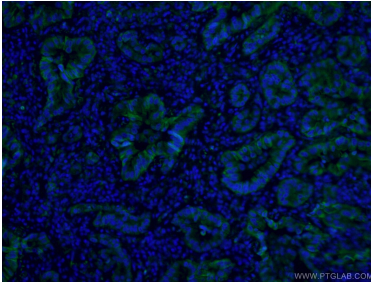
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

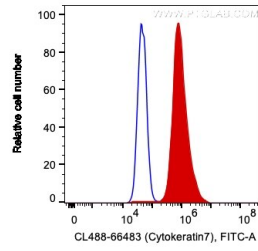
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using CL488-66483 (Cytokeratin 7 antibody) at dilution of 1:50.



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human Cytokeratin 7 (CL488-66483, Clone:2E1G5) (red), or 0.2 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).