

Cyfra21-1

Purified Antigen

Cat. No. CDA010

Lot. No. (See product label)

PRODUCT INFORMATION

Description: Keratin 19, also known as KRT19, is a human gene. The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins.

Source: Cell culture supernatant of human epithelial ovarian cancer cells.

Format: Purified, Liquid

Concentration: Specific protein concentration: 1.0mg/ml (Roche DLIA)

Buffer: Tris-HCL, pH 7.4 ± 0.2

Preservative: 0.2%NaN3

Applications: Specific methodologies have not been tested using this product.

Storage: Store at -20°C. Avoid multiple freeze/thaw cycles.

Warnings: All donor units tested negative for HIV 1, HIV 2, HCV antibodies and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

FOR RESEARCH USE ONLY

GENE INFORMATION

Gene Name: [KRT19](#)

Synonyms: keratin 19; K19; CK19; K1CS; MGC15366; keratin, type I cytoskeletal 19; keratin, type I, 40-kd; cytokeratin 19; 40-kDa keratin intermediate filament; CK-19; Cytokeratin-19; Keratin-19; K1C19_HUMAN; KRT19.

mRNA Refseq: [NM_002276](#)

Protein Refseq: [NP_002267](#)

MIM: [148020](#)

UniProt ID: P08727

Gene ID: [3880](#)

Chromosome Location: 17q21.2

Pathway: Cell Communication

Function: protein binding; structural constituent of cytoskeleton; structural constituent of muscle.

REFERENCES

- 1.Otsuka Y, Ichikawa Y, Kunisaki C, et al. (2007). "Correlating purity by microdissection with gene expression in gastric cancer tissue". Scand. J. Clin. Lab. Invest. 67 (4): 367-79.
2. Rasmussen HH, van Damme J, Puype M, et al. (1993). "Microsequences of 145 proteins recorded in the two-dimensional gel protein database of normal human epidermal keratinocytes". Electrophoresis 13 (12): 960-9.
3. Bader BL, Magin TM, Hatzfeld M, Franke WW (1986). "Amino acid sequence and gene organization of cytokeratin no. 19, an exceptional tail-less intermediate filament protein". EMBO J. 5 (8): 1865-75.