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## **Product Datasheet**

## pan-Cytokeratin Polyclonal Antibody GRP463

**Description** Cytokeratins, a group comprising at least 29 different proteins,

are characteristic of epithelial and trichocytic cells. Cytokeratins 1, 4, 5, 6, and 8 are members of the type II neutral to basic subfamily. Antibody to cytokeratins are specific markers of epithelial cell differentiation and have been widely used as tools in tumor identification and classification. Anti Pan Cytokeratin (mixture) is a broadly reactive reagent, which recognizes epitopes present in most human epithelial tissues. It facilitates typing of normal, metaplastic and neoplastic cells. Synergy between the various components results in staining amplification. This enables identification of cells, which would otherwise be stained only marginally. The mixture may aid in the discrimination of carcinomas and nonepithelial tumors such as sarcomas, lymphomas and neural tumors. It is also useful in detecting micrometastases in lymph nodes, bone marrow and other tissues and for determining the origin of poorly differentiated tumors. There are two types of cytokeratins the acidic type I cytokeratins and the basic or neutral type II cytokeratins. Cytokeratins are usually found in pairs comprising a type I cytokeratin and a type II cytokeratin. Usually the type II cytokeratins are 8kD larger than

their type I counterparts.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

**Immunogen** KLH conjugated synthetic peptide derived from mouse

Cytokeratin 19. (public\_immunogen\_range: 130-180/403)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

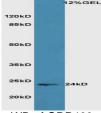
**Note** For research use only.

**Isotype** IgG

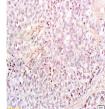
**Clonality** Polyclonal

**Purity** Purified by Protein A.

**Dilution Range** WB: 1:300-1000, IHC-P: 1:200-400



WB of GRP463



IHC-P of GRP463