

KRT19 antibody

Product Information

Catalog No.:	FNab02209
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	2F9
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells. KRT19, one of type I keratins, is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. Due to its high sensitivity, KRT19 is the most used marker for detection of tumor cells disseminated in lymph nodes, peripheral blood, and bone marrow of breast cancer patients. This antibody, generated against full length KRT19 protein, also recognizes KRT17, another type I keratin homologous to KRT19. KRT17 is used as a marker for trauma.

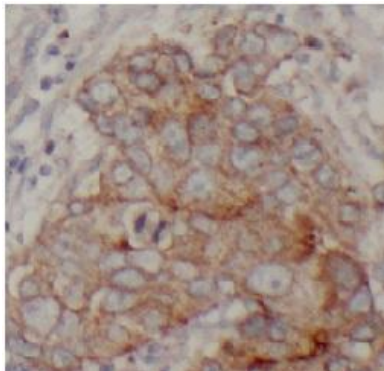
Immunogen information

Immunogen:	keratin 19
Synonyms:	Keratin, type I cytoskeletal 19 Cytokeratin-19 (CK-19) Keratin-19 (K19) KRT19
Observed MW:	44-50 kDa
Uniprot ID :	P08727

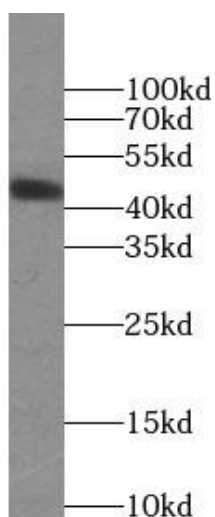
Application

Reactivity:	Human
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:5000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human stomach cancer tissue slide using FNab02209(KRT19 Antibody) at dilution of 1:200. heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



MCF-7 cells were subjected to SDS PAGE followed by western blot with FNab02209(KRT19 Antibody) at dilution of 1:1500