

## 30-1831: Anti-Cytokeratin 19 Monoclonal Antibody (Clone:A53-B/A2)-Biotin Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	A53-B/A2
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	Biotin
<b>Gene :</b>	KRT19
<b>Gene ID :</b>	3880
<b>Uniprot ID :</b>	P08727
<b>Alternative Name :</b>	KRT19
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	MCF-7 human breast adenocarcinoma cell line

### Description

Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml.  
Western blotting: Recommended dilution: 1-2 µg/ml.

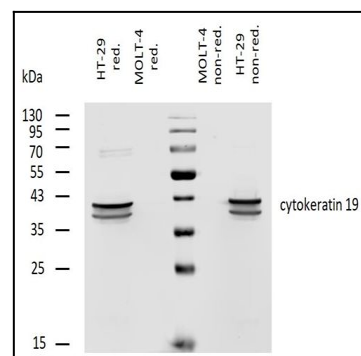


Figure-1: Western blotting analysis of human cytokeratin 19 using mouse monoclonal antibody A53-B/A2 on lysates of HT-29 cell line and MOLT-4 cell line (cytokeratin non-expressing cell line; negative control) under non-reducing and reducing conditions. Nitrocellulose membrane was probed with 2 µg/ml of biotinylated mouse anti-cytokeratin 19 monoclonal antibody followed by IRDye800-conjugated streptavidin. Cytokeratin 19 was detected at approximately 41 kDa.