

# Product Datasheet

## AG-3/AGR3 Antibody (AGR3.4)

### NBP2-62196

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP2-62196**

AG-3/AGR3 Antibody (AGR3.4)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	AGR3.4
<b>Preservative</b>	15mM Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Target Molecular Weight</b>	20 kDa

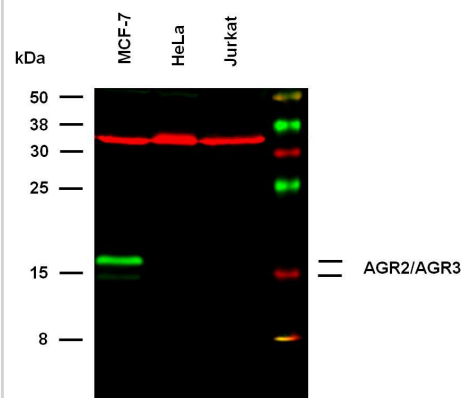
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	155465
<b>Gene Symbol</b>	AGR3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody DA-7 reacts with Cytokeratin 18 (45 kDa). Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.
<b>Immunogen</b>	Purified human AGR3 protein

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml

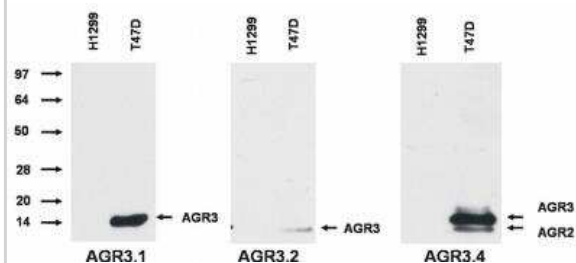


## Images

Western Blot: Mouse Monoclonal AG-3/AGR3 Antibody (AGR3.4) [NBP2-62196] - Western blotting analysis was performed on whole cell extracts (HOT lysis buffer) of MCF-7, HeLa, and Jurkat cell lines, mixed and heated (100C, 5 min) with reducing SDS-loading buffer. Samples were resolved using 15% SDS-PAGE gel. Nitrocellulose membrane blot was probed with mouse IgG1 monoclonal antibody AGR3.4 (1 ug/ml), followed by IRDye 800CW Goat-anti-Mouse IgG (green). Multiplex fluorescent Western blot detection was performed. AGR2/AGR3 molecules were detected at ~ 14-18 kDa in MCF-7 cell line.



Western Blot: AG-3/AGR3 Antibody (AGR3.4) [NBP2-62196] - Analysis of AGR3 protein by AGR3.1 and AGR3.2 antibody, and of AGR3 and AGR2 protein by AGR3.4 antibody in T47D breast cancer cell line compared to H1229 lung carcinoma cell line.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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