

# Product Datasheet

## Cytokeratin 5/6 Antibody (KRT5.6/2438) [Alexa Fluor® 488]

**NBP3-08622AF488**

Unit Size: 100 ul

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



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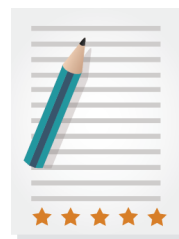
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Cytokeratin 5/6 Antibody (KRT5.6/2438) [Alexa Fluor® 488]

| Product Information     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size               | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage                 | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clonality               | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clone                   | KRT5.6/2438                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preservative            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype                 | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Conjugate               | Alexa Fluor 488                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity                  | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer                  | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene ID                 | 3852                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol             | KRT5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Marker                  | Basal, Myoepithelial & Mesothelial Cell Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity/Sensitivity | It recognizes polypeptides of 58kDa and 56kDa, identified as cytokeratin 5 and 6 respectively. It shows no reaction with keratin 1, 8, or 19. It stains the basal cells of squamous and glandular epithelia, part of stratum spinosum of squamous epithelium, myoepithelium, and mesothelium. It does not stain adenous epithelium. Therefore, this antibody can be used to distinguish squamous carcinoma from adenocarcinoma, and to differentiate epithelioid mesothelioma from non-epithelioid mesothelioma and adenocarcinoma. It is also a useful antibody in the identification of mesothelioma and lung squamous cell carcinoma. |
| Immunogen               | Recombinant full-length human Cytokeratin 5/6 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| <b>Product Application Details</b> |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Protein Array                           |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Paraffin, Protein Array                           |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |



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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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