

## Group B *Streptococcus* Monoclonal Antibodies

### ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size	Library Pack No. 100ug/clone	
15601	HSB11-206.4	IgG1	100ug, 500ug	156101	All 6 clones
15602	HSB11-209.5	IgG1	100ug, 500ug		
15603	HSB11-222.4	IgG1	100ug, 500ug		
15604	HSB11-238.6	IgG1	100ug, 500ug		
15605	HSB12-396.1	IgG2a	100ug, 500ug		
15606	HSB12-425.2	IgG2a	100ug, 500ug		
<b>Format:</b>		Protein G-purified antibody in PBS, pH 7.4			

### BACKGROUND

Group B *Streptococci* (GBS) are found in about 25% of all healthy adults and pregnant women in the intestine, vagina, and rectal area. Most women who are carriers of the bacteria do not show any symptoms; however, under certain circumstances, infection of both the mother and/or the newborn can develop. In newborns, if the GBS infection develops in the first week of life, it is termed early-onset disease. If the GBS infection develops from 1 week to 3 months of age, it is referred to as late-onset disease. On average, approximately 1,000 babies in the United States develop early-onset disease each year, with similar rates for late-onset disease.

### SPECIFICATION SUMMARY

**Antigen:** Pool of the following UV-inactivated Group B *Streptococci*: Type Ia (ATCC #12400), Type Ib (ATCC #12401), Type Ic (ATCC #27591), Type II (ATCC #12973), and Type III (ATCC #12403).

**Host Species:** Mouse

**Specificity:** These antibodies recognize Group B *Streptococci*. They do not cross-react with *Streptococcus* groups A, C through G, *Staphylococcus aureus*, *Lactobacillus acidophilus*, *Peptococcus prevotii*, or *Chlamydia trachomatis*.

### APPLICATIONS

These antibodies have been qualified for use in ELISA to detect Group B *Streptococci*. Endusers should determine optimal concentrations for their applications.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

### STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20° to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.